

19980501.qrp v01_n078.qrs.980501

Date: Fri, 1 May 1998 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1078

QRP-L Digest 1078

Topics covered in this issue include:

- 1) [9720] R/S Multiband Antennas in Austin TX
by "Brian Jones" <brian_jones@uk.ibm.com>
- 2) [9721] Level
by "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
- 3) [9722] Re: level / QRP SSB
by Ed Loranger <we6w@qsl.net>
- 4) [9723] Re: Signature file??
by Chris Trask <ctrask@primenet.com>
- 5) [9724] Rare Rods Available (2)
by Tracy@bytemark.com (Tracy)
- 6) [9725] Solar Storm update 4-30
by Paul Harden <pharden@aoc.nrao.edu>
- 7) [9726] Dan's Small Parts
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 8) [9727] Got my Fists #
by Wayne Alexander <walexander@wwn.net>
- 9) [9728] wanted to trade
by "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
- 10) [9729] Re: Trap dipole
by wa8rxi@juno.com (Rick Arzadon)
- 11) [9730] a "Wanted to Buy" request
by mwattcpa@earthlink.net (Marty Watt)
- 12) [9731] Re: 10m CW
by Bill Todd <bill@willapabay.org>
- 13) [9732] [Fwd: Rare Rods Available (2)]
by burro@panama.gulf.net
- 14) [9733] What is QSK?
by Mike - W0TMW <crucis@sky.net>
- 15) [9734] some thought about Dayton from an 8 lander...
by Mighty Mik <mitymik@hooked.net>
- 16) [9735] Dummy Load, Cheap!
by Brian Chesire <BCChesire@worldnet.att.net>
- 17) [9736] rods.....
by Walt Amos <waltk8cv@ameritech.net>
- 18) [9737] re: qrp
by Rick Sealey <rsealey@InfoAve.Net>
- 19) [9738] Re: What is QSK?

- by Hank Kohl K8DD <k8dd@contesting.com>
- 20) [9739] What straight key is this?
by "Mike Pender" <steam@megsinet.net>
- 21) [9740] Re: What is QSK?
by "George T. Baker" <w5yr@swbell.net>
- 22) [9741] Re: [Fwd: Rare Rods Available (2)]
by Lee Bahr <w5drc@ix.netcom.com>
- 23) [9742] Re: What a great little rig (Wilderness Sierra)
by "Steve Zumbrun" <zumbruns@mail.stlukes.org>
- 24) [9743] Re: wire/yagi updated
by "George T. Baker" <w5yr@swbell.net>
- 25) [9744] Re: level / Buying Contests
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 26) [9745] FS: NorCal Cascade Kit
by "Bill Legge" <wlegge1@maine.rr.com>
- 27) [9746] No QRP Quarterly here yet -- is it time to panic??
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 28) [9747] Wanted to swap
by "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
- 29) [9748] Level ??????????????????????????????????????
by Bruce Muscolino <w6toy@erols.com>
- 30) [9749] WTB: Wilderness NC40a
by joel malman <malman@world.std.com>
- 31) [9750] RE: [Fwd: Rare Rods Available (2)]
by Tracy@bytemark.com (Tracy)
- 32) [9751] Re: Long Wire Antenna
by LYN <designserv@ipass.net>
- 33) [9752] Beam cheating :-)
by jdenison@morelr.com (JOEL DENISON)
- 34) [9753] non ham related.AOL users
by RangerSF5 <RangerSF5@aol.com>
- 35) [9754] Re: Offers for sale.....Tracey/ByteMark
by n5inz@juno.com (John M Andrews)
- 36) [9755] No QRP Quarterly here yet -- is it time to panic??
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 37) [9756] Re: [Fwd: Rare Rods Available (2)]
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 38) [9757] Re: Need tutor, design/experiment query
by LYN <designserv@ipass.net>
- 39) [9758] 10 meter contest
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 40) [9759] Re: Beam cheating :-)
by Jack Parker <Pparker@greatbasin.net>
- 41) [9760] Bob rants. SGC. QRP, 'cummunities', send me your \$ or I skin the cat.
by "Bob Duckworth" <wb4mnf@atl.org>
- 42) [9761] Midnight and 20 is open (to somewhere)
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 43) [9762] Re: Schematic drawing

by Chuck and Michele Snyder <csnyder@nextdim.com>
44) [9763] Re: Bob rants. SGC. QRP, 'cummings', send me your \$ or I skin the cat.
by "Steve Hurst" <shurst@magiclink.com>
45) [9764] Re: What straight key is this?
by Stephen Lee <slee@u.washington.edu>
46) [9765] Test
by "Ken Burrough" <ne0c@1st.net>
47) [9766] Re: Midnight and 20 is open (to somewhere)
by Joe Gervais <vole@primenet.com>
48) [9767] More power?
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
49) [9768] power measurement
by "Jerry W. O'Dell" <psyodell@mail.provide.net>
50) [9769] re: Elmer101: Varactor substitution
by Rick Sealey <rsealey@InfoAve.Net>
51) [9770] Re: No QRP Quarterly here yet -- is it time to panic??
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
52) [9771] wire/rope beam particulars
by jdenison@morelr.com (JOEL DENISON)
53) [9772] Re: More power?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
54) [9773] Re: More power?
by "Fred Ringwald" <fred@innocent.com>
55) [9774] qrp
by ac5ez@webtv.net (Larry B)
56) [9775] End fed Zepp vrs EFHW?
by "Steve Galchutt" <n0tu@webaccess.net>
57) [9776] unsubscribe
by Freddy Brown <freddyb@tnpride.com>
58) [9777] Re: No QRP Quarterly here yet -- is it time to panic??
by aa5yx@juno.com (John F. Harper)
59) [9778] More power?
by km3d@juno.com
60) [9779] Re: What is QSK?
by "j.w. thornton" <dub@oklahoma.net>
61) [9780] Re: More power?
by w4bws@juno.com (Donald E Sanders)
62) [9781] more border.
by Bcieslak@ra.rockwell.com
63) [9782] Re: power measurement
by Zack Lau <zlau@arrl.org>
64) [9783] Check Six
by "Bryan Turner" <turnerw@email.uah.edu>
65) [9784] Don't forget, QRP Pizza/Pasta at NF3I SATURDAY, 6 p.m.
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
66) [9785] proof
by Dan Copeland <dcopeland@wwn.net>

67) [9786] Big rods, little rods @ Tracy
by Bob Follett <bfollett@ditell.com>

68) [9787] "QRP IS."
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

69) [9788] threads
by "JUNIUS B FOX" <w5hir@gte.net>

70) [9789] Computer Help
by Brad Mugleston <bmug@gwl.com>

71) [9790] RE: more border
by jdenison@morelr.com (JOEL DENISON)

72) [9791] Re: Big rods, little rods @ Tracy
by Bob Hightower <ki7mn@dancris.com>

73) [9792] Re: Beam cheating :-)
by w4bws@juno.com (Donald E Sanders)

74) [9793] W5P SES/NM Star Party/QRPTTF/Fun
by wa5whn@juno.com

75) [9794] QRP-L suggestions
by K5BDZ <K5BDZ@aol.com>

76) [9795] Fw: Test
by "Ken Burrough" <ne0c@1st.net>

77) [9796] Re: QRP-L suggestions
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>

78) [9797] Re: QRP-L suggestions
by Roger Hightower <n7kt@earthlink.net>

79) [9798]
by "Kempf, Rick" <Rick.Kempf@alliedsignal.com>

80) [9799] S&S "ABT" OPTIONS... (the latest !)
by Conrad <radman@best.com>

81) [9800] Re: power measurement
by "Michael A. Gipe" <mgipe@reliablemeters.com>

82) [9801] Level Playing Field....
by "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>

83) [9802] Re: Dan's Small Parts
by "Richard E. Robinson" <rerobins@email.uncc.edu>

84) [9803] ACCURACY:LOG MGRS & CONTESTS
by kreinbd@ccgate.dl.nec.com (David Kreinberg)

85) [9804] Re: QRP-L suggestions
by kq0i@juno.com (Mark R Milburn)

86) [9805] [QRP-L] QRP-L suggestions
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>

87) [9806] Thanks!
by tom whalen <whalen@swcp.com>

88) [9807] Subject lines needed
by PDouglas12 <PDouglas12@aol.com>

89) [9808] Poison Nuvistors from SMIRK?
by MNHopkins <MNHopkins@aol.com>

90) [9809] Quickie NN3SI Report
by Chris Cartwright <ccart@dns.vidtel.com>

- 91) [9810] SOLAR 10 day forecast
by Kent Torell <torell@sicom.com>
- 92) [9811] Re: End fed Zepp vrs EFHW?
by Kent Torell <torell@sicom.com>
- 93) [9812] Power measurement with a squigglescope
by W7LS <w7ls@blarg.net>
- 94) [9813] SPECIAL EVENT STATION W6P
by DENNIS MO <DENNISMO@aol.com>
- 95) [9814] Re: Beam cheating :-)
by mwattcpa@earthlink.net (Marty Watt)
- 96) [9815] Re: QRP-L suggestions
by "Vincent Ferme" <vferme@sprint.ca>
- 97) [9816] more border.
by eakwik@mail.hac.com
- 98) [9817] Re: Computer Help
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 99) [9818] Re: ACCURACY:LOG MGRS & CONTESTS
by Roger Hightower <n7kt@earthlink.net>
- 100) [9819] Longer NN3SI Report
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 101) [9820] STRAIGHT KEY GIVEAWAY
by QLF%mimi@magic.itg.ti.com
- 102) [9821] RE: Computer Help
by Brad Mugleston <bmug@gwl.com>
- 103) [9822] Postponing.
by Ed Loranger <we6w@qsl.net>
- 104) [9823] Help with mount air cap on the NW80 kit
by Danh Le <dql@slip.net>
- 105) [9824] SG 2020 ---- that letter again
by Mel Evans <MelEvansGM6JAG@compuserve.com>
- 106) [9825] Re: What is QSK?
by jim <kw3u@warwick.net>
- 107) [9826] Old es Young Brasspounders
by Chris Cartwright <ccart@dns.vidtel.com>
- 108) [9827] New project in the works..wide range sig gen
by Steven Weber <kd1jv@moose.ncia.net>
- 109) [9828] Re: Power measurement with a squigglescope
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 110) [9829] RE: more border.
by n4js@pobox.com
- 111) [9830] RE: Level ?????????????????????????????????
by gregoire@endor.com
- 112) [9831] SPICE Info and Colpitts
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 113) [9832] Re: QRP-L suggestions
by Dave Sjolín <sjolin@swbell.net>
- 114) [9833] Re: threads
by Dave Sjolín <sjolin@swbell.net>

- 115) [9834] Re: [QRP-L] QRP-L suggestions
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 116) [9835] Palm Pilot e-mail attachments
by bcutter@teal.csn.net (Bob Cutter)
- 117) [9836] dead horse
by ac5ez@webtv.net (Larry B)
- 118) [9837] Re: [QRP-L] QRP-L suggestions
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>
- 119) [9838] Re: Old es Young Brasspounders
by cjayheff@erols.com (C. Jay Heffner)
- 120) [9839] Re: dead horse
by Chris Trask <ctrask@primenet.com>
- 121) [9840] RE: Old es Young Brasspounders
by "Hulbert, Nick" <nick.hulbert@lmco.com>
- 122) [9841] MFJ-1796 verticle antenna
by Dan Baldwin <baldwin@primenet.com>
- 123) [9842] HW-8
by Richard Brittingham <rbritt@visi.net>
- 124) [9843] Re: Old es Young Brasspounders
by Bob Patten <n4bp@bc.seflin.org>
- 125) [9844] Re: SOLAR 10 day forecast
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 126) [9845] Re: Help with mount air cap on the NW80 kit
by "Jim Barrett -KC2DCC" <jbarrett@stny.lrun.com>
- 127) [9846] Re: Next NorCal Project Announcement
by "Bill Meahan" <mwmeahan@rust.net>
- 128) [9847] RE: Old es Young Brasspounders
by Roger Braker <msebrakr@telepath.com>
- 129) [9848] SGC
by "Jeff M. Gold" <JGold@tntech.edu>
- 130) [9849] Re: level field
by Tom Cooper <cooper@gmpvt.com>
- 131) [9850] Milliwattting
by wd3p@juno.com (Larry Cahoon)
- 132) [9851] Level playing field winner is. . .
by Larry Cruise <Larry.Cruise@mci.com>
- 133) [9852] New 6M site techno treasure house
by MNHopkins <MNHopkins@aol.com>
- 134) [9853] P.C.T. AC6UV
by "Frank A. West" <ke6vhm@earthlink.net>
- 135) [9854] Re: 1N914 Capacitances
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
- 136) [9855] Re: dead horse
by w2bj@juno.com (Barry J Minsky)
- 137) [9856] Re: SGC speaks to QRP-L
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
- 138) [9857] Re: Old es Young Brasspounders
by cjayheff@erols.com (C. Jay Heffner)

- 139) [9858] QRP activity on Baltimore?
by Mike - W0TMW <crucis@sky.net>
140) [9859] Elmer101
by Brad Mugleston <bmug@gwl.com>
141) [9860] Re: HW-8
by Lynn Simons <lsimons1@ix.netcom.com>
142) [9861] Re: Brasspounders etc
by Charles Kadesch <chas@digizen.net>
143) [9862] Re: ACCURACY:LOG MGRS & CONTESTS
by Joe Gervais <vole@primenet.com>

Date: Thu, 30 Apr 1998 18:12:10 EDT
From: "Brian Jones" <brian_jones@uk.ibm.com>
To: qrp-l@Lehigh.EDU
Subject: [9720] R/S Multiband Antennas in Austin TX
Message-ID: <199804302242.SAA39562@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Gang,

once again this list turned up trumps. Bought 2 of the R/S multiband antennas for \$2.97 each at RS in Highland Mall Austin. If you hurry they have 2 more left. Sold out on the digital SWR meters though :-(

Did anyone post cutting lengths to retune these. I don't get chance to read the digests too closely when I'm travelling. If they did a mail to this ID would be appreciated and save me a while trolling the archives when I get back home. Even that will probably be quicker than sitting down and doing the maths myself.

Tnx for details of this offer (in the UK the T pieces probably cost more than 2.97!)

73 de Brian - G0UKB

Brian Jones
Java Technology Centre
HURSLEY MP 146 Ext 246896 (+44 1962 816896)
BEJONES AT WINVMD bejones@hursley.ibm.com

Date: Thu, 30 Apr 1998 17:47:24 +0000
From: "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>

To: qrp-1@Lehigh.EDU
Subject: [9721] Level
Message-ID: <v03007807b16e654d6eeb@[144.92.104.135]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I hope Joel is joking about not being a worthy qrper because he has a beam.

My take on this is that unfortunately, life does not have to be fair. Many people on this list are operating with limitations, be they physical, financial or situational. On that last one, please thank your XYL for the cooking, cleaning, life maintenance jobs she does that otherwise would take time away from your radio activities.

I like having contests, especially the QRP contests. I haven't entered one yet, but I bet it's a real kick when a humble setup, good conditions and personal skill result in a good score.

A lesson of maturity is to give credit to oneself for being able to do well with the cards one has been dealt. That's something I have to face and accept each day. It's so easy to feel shame at not being like other people who appear to be without one's personal limitations.

So I'll never be a hotshot qrper like that guy I saw at Dayton (can't remember his simple call right now) who usually hits at or near the top in world contests.

My thing is to be thankful to get out at all and extra thankful to be allowed to have a delta antenna that spans my small backyard (and a landlord couple who lives below but doesn't mind noisy lovebirds, budgies and cockatiel at 6 am).

What works against this is the perfectionistic temptation to believe that to be ok, one must be THE winner. It takes away the humanity of our efforts by measuring our reality against a cold, imaginary standard.

Believe that *being happy while doing qrp* is a high enough standard. Everything else is extra.

Remember to thank those supportive ladies, guys!

Paulette Quick, WB9VHF
Madison WI
plquick@facstaff.wisc.edu

Date: Thu, 30 Apr 1998 22:51:50 +0000
From: Ed Loranger <we6w@qsl.net>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9722] Re: level / QRP SSB
Message-ID: <35490086.5353@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have to be totally honest here ---

I'd rather spend 20 minutes Communicating
the same thing that could be handled with
a 5 minute phone call.

In fact, I hate it when a local ham hears
me on the air and gives his phone number
so I can give him a call. But I prefer
operating the rig and keeping the antenna
warm :)

100% CW at my QTH -- For the sheer Joy of it.

Again: Whats a mic? Repeater tones? Whistling
1500 Hz sound for how long? Anti-vox?

72 and Vocally Declined,
-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 30 Apr 1998 15:55:05 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: tom whalen <whalen@swcp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9723] Re: Signature file??
Message-ID: <Pine.BSI.3.96.980430155429.25183B-1000000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Apr 1998, tom whalen wrote:

```
> Can someone with this group give me directions on placing a signature
> file after all of my posts? I have always wanted to do that, but did not
> know how?? Thanks in advance, 72 Tom WB5QYT
>
```

In my case, simply writing a file called `.signature` in your root directory does the trick.

[illegible]

Circuit Design for the RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Thu, 30 Apr 1998 19:03:11 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [9724] Rare Rods Available (2)
Message-ID: <01BD746B.A47E3860.tracy@bytemark.com>

Any lowfers out there looking for oversized ferrite rods??

I have two (2) 15 inch long, half - inch diameter #33 mix rods which were found way back in the warehouse from a special order made long ago. These rods were \$199 each in quantities of 100 with a special tooling charge. (expensive ...)

You guys get first hack. I will let these puppies go for \$275 for the pair, or \$150 each. Shipping will be \$10 as they will be packed like they're being

dropped from a plane. (In today's shipping world, they just might be!)

If these are not spoken for by Monday I'll be listing them on our web site for \$185 each. I'll also be posting them to a few newsgroups this weekend. If you want one or both, CALL me at 800 679-3184. I check email several times per day but answer the phone immediately when it rings ...

Tracy Markham, N4LGH, #1453
ByteMark / Amidon
Tracy@bytemark.com
www.bytemark.com
800 679-3184

Date: Thu, 30 Apr 1998 17:13:05 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [9725] Solar Storm update 4-30
Message-ID: <Pine.SOL.3.91.980430164837.16159A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 120 ISSUED AT 2200Z ON 30 APR 1998

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z:
>
> THE GEOMAGNETIC FIELD WAS QUIET UNTIL A 31 NT SUDDEN IMPULSE WAS
> OBSERVED AT 30/0933Z. THIS WAS PRECEDED BY A SHOCK PASSAGE AT THE
> ACE SPACECRAFT AT 30/0845Z.

The time difference between when the shock wave was detected by the satellite and detected on earth is used to confirm the speed of the shock wave, the solar wind, and to a lesser extent, the trajectory of travel. In this case, about 45 minutes (0845Z to 0933Z)

> AFTER THE SUDDEN IMPULSE, UNSETTLED TO
> ACTIVE CONDITIONS WERE OBSERVED. THIS DISTURBANCE IS BELIEVED TO BE
> RELATED TO THE X1/HALO CME OBSERVED ON 27 APR.

Our magnetic field is not as "rigid" as you might think, and an external force applied to it, such as in this case the shock wave from a solar disturbance, can cause it to wiggle like jello for a time, generating

electric currents, which produce elevated noise levels in the HF spectrum.

These solar/geophysical reports over the past few days have painted a story of how this actually occurs (i.e., real data, not just theory).

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE
> UNSETTLED TO ACTIVE FOR 01 MAY. ISOLATED MINOR STORMING IS POSSIBLE
> DURING THAT TIME.

This is left over from the X1 flare. But the M6/CME yesterday will cause "round 2" of geomagnetic activity as forecasted below:

> A LARGER DISTURBANCE IS FORECAST FOR 02-03 MAY AS
> A RESULT OF M6/HALO CME OBSERVED YESTERDAY. ACTIVE TO MINOR STORM
> LEVELS ARE EXPECTED WITH PERIODS AT MAJOR STORM POSSIBLE. THE
> CURRENT PROTON ENHANCEMENT SHOULD DECAY TO BACKGROUND LEVELS IN THE
> NEXT TWO DAYS.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 30 APR 103 <----- Solar flux
> PREDICTED 01 MAY-03 MAY 104/106/108
> 90 DAY MEAN 30 APR 104
> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 29 APR 005/006 <----- A-index ... not bad right now
> ESTIMATED AFR/AP 30 APR 012/012
> PREDICTED AFR/AP 01 MAY-03 MAY 020/018-030/030-015/015
 ^^^^^ ^^^^^ ^^^^^
 FRI SAT SUN
 (YUCK)

72, Paul NA5N

Date: Thu, 30 Apr 1998 16:23:51 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9726] Dan's Small Parts
Message-ID: <Pine.LNX.3.96.980430162133.16206A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Can anyone describe their experiences when ordering from Dan's Small Parts? It seems his prices are more than reasonable for the components listed on his web page. If I were to place an order today, about how soon could I expect to receive the parts I ordered? How often is he out of stock, and how quickly does he re-inventory a set of parts? How about

customer service?

Thanks for your input.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Fri, 01 May 1998 00:22:29 -0500
From: Wayne Alexander <walexander@wnn.net>
To: qrp-l@Lehigh.EDU
Subject: [9727] Got my Fists #
Message-ID: <3.0.3.32.19980501002229.0069e328@pop.wnn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

Thanks to all that replied to question on the Fists club. My number is 4907.
Thanks again.

<paraindent><param>out</param>73

</paraindent>KB0PTE

Wayne

(CW is the way to communicate.)

QRP-L #1058

FISTS # 4907

Check out my Web Page.

<http://www.wnn.net/walexander>

E-Mail Address: walexander@wnn.net

Date: Fri, 1 May 1998 11:51:01 +1200
From: "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
To: qrp-1@Lehigh.EDU
Subject: [9728] wanted to trade
Message-ID: <199804302350.LAA24768@host02.net.voyager.co.nz>
MIME-Version: 1.0
Content-Type: text/plain

I have 3 toshiba laptop 200mb hard disk drives to trade ,and as I don't know of anyone wanting a new disk drive for ther laptop,I thought I would try the list

I am interested in QRP equipment so please reply with what you have to swap

I will cover the postage to your end if you cover the postage from your end.

Thankyou for taking the time to read this meassge
Ross Grindrod ZL3DC

Date: Thu, 30 Apr 1998 19:58:01 EDT
From: wa8rxi@juno.com (Rick Arzadon)
To: cs-erh@nich-nsunet.nich.edu
Cc: qrp-1@Lehigh.EDU
Subject: [9729] Re: Trap dipole
Message-ID: <19980501.000546.4775.0.WA8RXI@juno.com>

On Thu, 30 Apr 1998 08:58:45 -0600 "Evert R. Halbach"
<cs-erh@nich-nsunet.nich.edu> writes:

>Hello Gang!

>

>Does anyone know where I can get some info on building a trap vee or
>dipole ant? I am tired of the jumbled mess of wires every time I
>lower the inv vee to do work on the tower.....

>

>Interested in 80, 40, 30, 17, & 12.

>

>thanks es 73 de WA50JI Evert

Evert,

Why not try a G5RV with 102' Flattop and tuner -or- 135' Flattop with 450 Ohm

(300 Ohm ?) Twin-lead via a tuner.

I find that antennas with traps don't tickle the Kennelly-Heaviside Layer that well.. HI.

72, Rick Arzadon - WA8RXI Taylor, MI.

[QRP-L #1368][ARCI #9050][MI-QRP #587][G-QRP #9125][HI-QRP #32]
[FISTS #4674]

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 01 May 1998 00:00:11 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [9730] a "Wanted to Buy" request
Message-ID: <35510fef.56090306@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I'm interested in acquiring a Wilderness Sierra. I have a TS-50, but the power-sucking requirements are a bit much for backpacking. If anyone has=one
they'd like to part with, perhaps planning to upgrade to a K-2, I'd be interested ...

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Thu, 30 Apr 1998 17:06:37 -0700
From: Bill Todd <bill@willapabay.org>

To: brian@iquest.net
Cc: qrp-l@Lehigh.EDU
Subject: [9731] Re: 10m CW
Message-ID: <1.5.4.32.19980501000637.0070ff20@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:15 PM 4/29/98 -0500, you wrote:

>You said:

>

>>The problem with 10 meter CW is that the band is often open, but no one is
>>down on the bottom of the band. I often hear CW up around 28340 or so.

>

>>CU on 10 this weekend!

>>Bill-N7MFB

>

>I haven't had much luck on 10 either. But the novice CW section seems to
>have more traffic than anywhere else on 10m. Which is good for me since
>I'm a Tech Plus.

>

>73 de KB9BVN QRP-L #1540

Hi Brian -

You know, you have a POINT.

To all the Generals, and above on the QRP-L: If you plan to participate in
the 10x10 contest this weekend, let's be sure to operate part of the time on
the Novice/Tech portion of 10 meters, and give those ops a chance to make
some QSO's!

CUL, Bill-N7MFB
<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Thu, 30 Apr 1998 19:10:26 -0500
From: burro@panama.gulf.net
To: qrp-l@Lehigh.EDU
Subject: [9732] [Fwd: Rare Rods Available (2)]
Message-ID: <354912F2.1B42@panama.gulf.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----95B69CB7911"

This is a multi-part message in MIME format.

-----95B69CB7911

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Is this for real? I almost had the big one reading it.

-----95B69CB7911

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from fidoid.CC.lehigh.EDU (fidoid.CC.lehigh.EDU [128.180.1.4])

by trigger.panama.gulf.net (8.8.8/8.8.8) with ESMTP id SAA19266

for <burro@panama.gulf.net>; Thu, 30 Apr 1998 18:49:07 -0500 (CDT)

Received: from Lehigh.EDU ([127.0.0.1]) by fidoid.cc.Lehigh.EDU with SMTP id

<13601-66900>; Thu, 30 Apr 1998 19:48:30 -0400

Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoid.cc.Lehigh.EDU with

ESMTP id <12414-66900>; Thu, 30 Apr 1998 18:55:53 -0400

Received: from global.orlando.com (orlando.com [209.26.2.40])

by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id SAA76608

for <qrp-1@lehigh.EDU>; Thu, 30 Apr 1998 18:55:36 -0400

Received: from titan (usr4-27.gdi.net [209.26.33.219])

by global.orlando.com (Post.Office MTA v3.1 release P0205e

ID# 0-34438U100L2S100) with SMTP id AAA153

for <qrp-1@lehigh.EDU>; Thu, 30 Apr 1998 18:48:29 -0400

Received: by localhost with Microsoft MAPI; Thu, 30 Apr 1998 19:10:30 -0400

Message-Id: <01BD746B.A47E3860.tracy@bytemark.com>

Date: Thu, 30 Apr 1998 19:03:11 -0400

Reply-To: Tracy@bytemark.com

Sender: owner-qrp-1@Lehigh.EDU

Precedence: bulk

From: Tracy@bytemark.com (Tracy)

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: Rare Rods Available (2)

X-To: "QRP-L (E-mail)" <qrp-1@Lehigh.EDU>

X-Mailer: Microsoft Internet E-mail/MAPI - 8.0.0.4211

X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Any lowfers out there looking for oversized ferrite rods??

I have two (2) 15 inch long, half - inch diameter #33 mix rods which were found way back in the warehouse from a special order made long ago. These rods were \$199 each in quantities of 100 with a special tooling charge. (expensive ...)

You guys get first hack. I will let these puppies go for \$275 for the pair, or \$150 each. Shipping will be \$10 as they will be packed like they're being dropped from a plane. (In today's shipping world, they just might be!)

If these are not spoken for by Monday I'll be listing them on our web site for \$185 each. I'll also be posting them to a few newsgroups this weekend. If you want one or both, CALL me at 800 679-3184. I check email several times per day but answer the phone immediately when it rings ...

Tracy Markham, N4LGH, #1453
ByteMark / Amidon
Tracy@bytemark.com
www.bytemark.com
800 679-3184

-----95B69CB7911--

Date: Thu, 30 Apr 1998 19:14:41 -0600
From: Mike - W0TMW <crucis@sky.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9733] What is QSK?
Message-ID: <354913F1.55EBDB8@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's a question I've been wondering about ever since I operated some true QRP rigs in QRPTTF. My rig at the moment is a Kenwood TS-570. When I turn the VOX delay off to "full break-in", I can truly hear between the dits when I have fast AGC on.

I was surprised when operating some of the popular QSK rigs, that the receiver was turned off until some time after the last key-down, more like semi-breakin on my old TS-520! I heard a number of list members complaint that my TS-570 uses relays for CW rather than solid state switching. Frankly, I can't hear any relays.

So, everyone, what is the definition of QSK? I'd define my TS-570 as QSK because it is fast and I can really hear between the dits.

How say you?

Mike - W0TMW
--

=====
Mike Watson, W0TMW QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st ARCI# 9647
<http://www.sky.net/~crucis>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Thu, 30 Apr 1998 17:31:21 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [9734] some thought about Dayton from an 8 lander...
Message-ID: <354917D9.8DB5AAB5@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

it's been to long since i've been 'home'...but if you've never been to Dayton, it's something you MUST do once...there's nothing like it. If i elect to go next year...i don't need to rent a car, or hotel room, so YMMV...

A lot of things are announced/released at Dayton...so if you MUST have it first, Dayton is the place to be. You'll meet old friends, and make new ones. there will be skads of older gear, and parts,parts,parts...time to stock up on J310s, 2N2222's and such. IF you like surplus, Mendelson's in Dayton, and Fair Radio are driving distance.

as to weather, think of it as instant fun...just add water! Besides...if the weather is 'uneventful', would you remember it as well?? Nope. Be sure you flashlite has fresh batteries for those 'pre-dawn' specials.

so no whining, you'll be there, i won't. and no, you can't park in the 'rents driveway.

It look like my next radio purchase may be a Ten Tec 6M FM rig...anybody own one of these?

-WD8MNV/6
Mick

Date: Thu, 30 Apr 1998 17:30:56 -0700
From: Brian Chesire <BCChesire@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [9735] Dummy Load, Cheap!
Message-ID: <354917C0.39B4@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

B G Micro (www.bgmicro.com/), Out of Dallas TX, has a pretty good deal on 50 ohm dummy loads. It's a 20 watt continuous, 50 watt intermittent load, weighs about a pound, cast aluminum heatsink about 6" x 2" x 1 1/4" with a type N female connector, (the add says female PL259-wrong). \$6.95 each. I can't build one for that little!!, never have the right parts in the junk box.

Anyway I ordered two and received them today. Made a quick check and the VSWR is $\leq 1.02:1$ from 5hz to 200Mhz, I'll run em up to a couple Ghz next week if I can get to the high end network analyzer.

Standard disclaimer, just a pretty good palce to do business with.

Brian WA5PP0
Tucson, AZ

Date: Fri, 01 May 1998 00:37:34 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: Qrp-l List <qrp-l@Lehigh.EDU>
Subject: [9736] rods.....
Message-ID: <35490B3E.5671064C@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My god.....I have been using one of those for a RF filter with my line cord wrapped around it, could have steped on it ! Oh my god, I will pick it up and put it in a cotton lined shoe box now that I know it is WORTH \$199 smackers :)))

Baloooooooooooooooooooo

Date: Thu, 30 Apr 1998 20:45:43 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@Lehigh.EDU

Subject: [9737] re: qrp
Message-ID: <1.5.4.32.19980501004543.00ffd4d8@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Larry,

On April 29, 1998 you said:

>Date: Wed, 29 Apr 1998 21:55:44 -0500
>From: ac5ez@webtv.net (Larry B)
>To: qrp-1@Lehigh.EDU
>Subject: [9543] qrp

>Am I really running qrp, with my 5 watts to stacked monobanders on 20 at
>150 feet? I feel guilty sometimes :)
>Ac5ez

Just drop it back to 200mW, you'll feel better.

Rick - W4SEA

Date: Thu, 30 Apr 1998 20:49:14 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: crucis@sky.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9738] Re: What is QSK?
Message-ID: <3.0.1.32.19980430204914.00e314f0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:14 PM 4/30/98 -0600, Mike - W0TMW wrote:

>
>
>So, everyone, what is the definition of QSK? I'd define my TS-570 as
>QSK because it is fast and I can really hear between the dits.
>
>How say you?
>
>Mike - W0TMW
>-

QSK is the ability to hear between CW elements, even at high speeds,

without deterioration of the CW wave form.

Ten Tec is probably the best. The rest are fairly close.

QSK is a real joy to use - it can make CW very conversational, and it is especially effective in NTS traffic nets when asking for fills.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Thu, 30 Apr 1998 19:58:35 -0500
From: "Mike Pender" <steam@megsinet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [9739] What straight key is this?
Message-ID: <01bd749c\$44f6ff40\$acfe51d1@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all. I bought a key from a guy who told me it was a Bencher.
I needed a part for it and called bencher for the part. They
say that according to my description, it's not one of theirs!
Hmmm. You can look at it at:

<http://www.megsinet.com/steam/page2.html>

It's right at the top of the page. Any info would be appreciated..
Mike, N9IV0

Mike Pender, N9IV0 Chicago, Illinois, U.S.A.
E-Mail: steam@megsinet.net
Web Page: <http://www.megsinet.com/steam>

Date: Thu, 30 Apr 1998 19:58:30 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: crucis@sky.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9740] Re: What is QSK?
Message-ID: <35491E36.3B331464@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Same with my IC-765 and I cannot hear any first-dit shortening using a separate r-f monitor receiver. No relays clicking. That to me is QSK in the '90's.

--

72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Mike - W0TMW wrote:

>
> Here's a question I've been wondering about ever since I operated some
> true QRP rigs in QRPTTF. My rig at the moment is a Kenwood TS-570.
> When I turn the VOX delay off to "full break-in", I can truly hear
> between the dits when I have fast AGC on.
>
> I was surprised when operating some of the popular QSK rigs, that the
> receiver was turned off until some time after the last key-down, more
> like semi-breakin on my old TS-520! I heard a number of list members
> complaint that my TS-570 uses relays for CW rather than solid state
> switching. Frankly, I can't hear any relays.
>
> So, everyone, what is the definition of QSK? I'd define my TS-570 as
> QSK because it is fast and I can really hear between the dits.
>
> How say you?
>
> Mike - W0TMW

Date: Thu, 30 Apr 1998 20:17:38 -0500
From: Lee Bahr <w5drc@ix.netcom.com>
To: burro@panama.gulf.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [9741] Re: [Fwd: Rare Rods Available (2)]
Message-ID: <354922B2.44007165@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I fell off the chair reading this one myself! Bought some of these from Amadon a few years ago for I think around \$15 to \$18 dollars apiece. Think I'll sell em and retire. Bye the way, if anyone out there misses out on this great deal, I probably could be talked out of mine for that price! What a joke. Guys like this don't have a clue and give this great hobby a bad name. Just think what the price would be if he didn't want to help us all out! Hope the guy runs out of gas on the highway and nobody picks him up! Lee w0vt PS: I have some 4-40 screws my buyer bought a few years ago for \$10 each. I'd be happy to share them with you for ONLY \$8 each. But remember, first come first served unless you want to slip me a little extra under the table!

burro@panama.gulf.net wrote:

> Is this for real? I almost had the big one reading it.

>

>

>

> Subject: Rare Rods Available (2)

> Date: Thu, 30 Apr 1998 19:03:11 -0400

> From: Tracy@bytemark.com (Tracy)

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>

> Any lowfers out there looking for oversized ferrite rods??

>

> I have two (2) 15 inch long, half - inch diameter #33 mix rods which were found
> way back in the warehouse from a special order made long ago. These rods were
> \$199 each in quantities of 100 with a special tooling charge. (expensive ...)

>

> You guys get first hack. I will let these puppies go for \$275 for the pair, or
> \$150 each. Shipping will be \$10 as they will be packed like they're being
> dropped from a plane. (In today's shipping world, they just might be!)

>

> If these are not spoken for by Monday I'll be listing them on our web site for
> \$185 each. I'll also be posting them to a few newsgroups this weekend. If you
> want one or both, CALL me at 800 679-3184. I check email several times per day
> but answer the phone immediately when it rings ...

>

> Tracy Markham, N4LGH, #1453

> ByteMark / Amidon
> Tracy@bytemark.com
> www.bytemark.com
> 800 679-3184

Date: Thu, 30 Apr 1998 20:23:18 -0500
From: "Steve Zumbrun" <zumbruns@mail.stlukes.org>
To: <pmk@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9742] Re: What a great little rig (Wilderness Sierra)
Message-ID: <01bd749f\$b917aac0\$159e2ace@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, I second your posting, Pat. I purchased my Sierra about one month ago. It was a pleasure to build and boy does it work great. The receiver is outstanding. Boy is it quiet! I too am extremely pleased with the rig.
73s, Steve W0SZ

-----Original Message-----

From: Patrick M Kvitkauskas <pmk@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, April 29, 1998 10:56 PM
Subject: What a great little rig (Wilderness Sierra)

>Man what a great radio. I have had my Sierra for a few months now.
>I just got home about a hour ago and heard someone calling CQ
>on 20 mtrs. It was a VE3 booming in at 599++. He was using a
>Yaesu FT 1000MP running 100 watts (as most hams I work) and
>he couldn't believe I was only running one watt. He gave me a 579
>rpt. even though the K8FF paddle was sticking occasionally. I never
>let on that I am QRP until show and tell time when we exchange
>rig , ant , and power output reports (or show off report hi). Just after
>I worked him I worked W0UFO and had a nice chat with him.
>
>Oh yes it is a killer on 40 meters as well. I have used it on 80 , 40 ,
>30 , 20 , 15 , and 10 meters and always have good success and
>MAN what a RX on this thing. Even at 150hz it does not hardly ring
>at all as others will drive you nutz.
>
>If I didn't enjoy building so much it would be the last rig I would

>build for a long time to come but I still have a few band modules to
>go.
>
>Thanks to NORCAL for initially putting it all together and QRP Bob
>for kiting a very nice kit. I couldn't believe the quality control from
>the
>resistors to the enclosure that everything fit like a glove and only took
>4 hours to build the board and about 4 hours to finish. It is a very
>good looking rig with a blue coat and baby blue face with excellent
>silk screening. I did get the KC-2 face as I have had the KC-2 for
>a few years.
>
>If you are considering purchasing one I think you will be impressed
>as I was. Don't be deceived when you get a box of sandwich bags that
>everything is packed in.
>
>72 de Patrick KD4OBQ
>
>AR
>
>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at <http://www.juno.com>
>Or call Juno at (800) 654-JUNO [654-5866]
>
>

Date: Thu, 30 Apr 1998 20:31:12 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: jdenison@morelr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9743] Re: wire/yagi updated
Message-ID: <354925E0.20CD0BB7@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel, just do it until you need glasses.

-
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

JOEL DENISON wrote:

>
> High guys/gals
>
> I guess while all the type was going on, I added a reflector to my
> wire yagi and signals seem to be a bit stronger on the receiving end and the
> ant is matching the qrp++ better...
> Being a "cheater", using a beam for xmiting... I wonder if it is ok
> if I just use the beam for receiving???? It will let me pick up the 1mw
> station a lot better... and just make it a lot easier copying qrp, mw (true
> qrp) stations... :-)
> ' In the meantime I'm having a ball with the reactions people have to
> four watts and a wire/rope (poor man's) beam...
> Always wanted a kick (u know what) ant on forty and now I got one...
> oh happy day but then it has cost me my qrp status... :-(
> So This is THE QUESTION... If I just use the beam to receive...can I
> keep my qrp status?...
> joel in maine "trying to get out" :-)
>
> God Bless
> Joel
>
> WA5CVM Gentleman don't Cry, They QSY :-)
> Joel Denison Gentle Lady (RC Sail Plane)(049 engine - start)
> PO BOX 542 2 element yagi on 40mtr
> Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
> jdenison@morelr.com AK/QRP 109

--

72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Fri, 1 May 1998 01:41:12 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <B1ljohn@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9744] Re: level / Buying Contests
Message-ID: <000701bd7499\$d8a433a0\$b942b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AMEN!

Date: Thu, 30 Apr 1998 21:43:08 -0400
From: "Bill Legge" <wlegge1@maine.rr.com>
To: <qrp-l@Lehigh.EDU>
Cc: <wlegge1@maine.rr.com>
Subject: [9745] FS: NorCal Cascade Kit
Message-ID: <199805010119.VAA01598@proxyb1-atm.maine.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have forsale an unbuilt NorCal Cascade kit for \$150. plus \$5. shipping.
The rig covers 75 and 20 meter SSB. Bill, NT1R

Date: Thu, 30 Apr 1998 21:42:17 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [9746] No QRP Quarterly here yet -- is it time to panic??
Message-ID: <199805010141.UAA22429@dfw-ix4.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Got my QRPP and Keynote yesterday, but no QRP Quarterly. Am I the last guy
on
the mailing list or is it time to assume that my copy is not on its way?
Has anyone else not received theirs??

BTW, nice Pixie II info in the QRPP. I like Ed's article on his contest
Pixie -- something to get me out of the AO category and into the real Pixie
competition.

73,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 50/49 (need HI card)
WAC QRP W/C 6/3
WAS QRPp W/C 15/15 (200 milliwatts on a Pixie II / MRX-40 / Tick Keyer
combo)
DXCC-Pixie W/C 002/002

"...the harder the conflict, the more glorious the triumph. That which
we attain too cheap, we esteem too lightly." Thomas Paine, 12/23/1776

Date: Fri, 1 May 1998 13:51:11 +1200
From: "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
To: qrp-l@Lehigh.EDU
Subject: [9747] Wanted to swap
Message-ID: <199805010150.NAA20642@host02.net.voyager.co.nz>
MIME-Version: 1.0
Content-Type: text/plain

Hi I have for disposal 3 Tosihba 200mb hdd
and as I am a avid QRPer down under was looking for the oppounity to
trade for a qrp rig

I am prepared to pay for delivery from my end and are prepared to take
on the honesty of the Amateur family in making sure that they get the
items in good condition

Thankyou for taking the time to read this meassge
Ross ZL3dc

Date: Thu, 30 Apr 1998 22:17:47 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@Lehigh.EDU
Subject: [9748] Level ??????????????????????????????????????
Message-ID: <2.2.16.19980430220928.2d07cb14@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What is all this "level" nonsense about? Does everyone you know own a basic Chevy/Ford/Plymouth? Does everyone you see driving around your city/town drive the same basic Chevy/Ford/Plymouth? I SINCERELY DOUBT IT! And what a BORING world it would be if they did.

There is nothing implicit in ham radio at any level that says we must not be humans. Humans have competed since we made the trip out of the trees and caves. Humans who don't (or didn't) didn't make it down from the trees or out of the caves because they couldn't feed themselves. A quick look at any Anthropology text will show this to be true even today among the lowest societal forms, the hunter-gatherers.

Just because you or I have chosen to operate at low power levels does not mean we can not or should not compete against each other to make contacts and to post good scores in contests. That I run 5 watts into an end fed wire and you run 100 Mw into a "Sterba curtain" means nothing except you had the time, energy, space, and money to erect a damned fine antenna. Am I jealous? Maybe a little, but I do ok with my wire and I'll beat you on skill!

Yes, beat you, whether it's in a contest or for a QSO. Whether the other station is next door or around the world. Is this arrogance? NO. It is what ham radio has been about since its inception. Every ham everywhere has competed to be heard, to work the other station, to win a contest. There are no level playing fields except in some ultra-liberal commune society where the members are too scared of human nature.

If there is anything that levels the playing field for us all it's the big three Qs -- QRM, QRN, and QSB.

Nuff sed, but you'll see it again in my next QQ Column.

73

Date: Thu, 30 Apr 1998 22:26:02 -0400
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [9749] WTB: Wilderness NC40a
Message-ID: <199805010226.AA07753@world.std.com>

Folks,

Does anyone have a FB 40 meter Wilderness NorCal NC40a for sale?

It must be in perfect operating condition as it is going to be a new/main rig for a new QRP'er. Should operate the General part of 40 meters and be drift free and without mods (or well documented fixes/updates).

Reasonable price and shipping will be paid. Please state condition and price. Respond directly to: malman@world.std.com

/joel wa1qvm (Concord, Mass)

Date: Thu, 30 Apr 1998 22:39:05 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [9750] RE: [Fwd: Rare Rods Available (2)]
Message-ID: <01BD7489.1BB91D60.tracy@bytemark.com>

WOW! I never thought a BAD idea would bring about so much excitement!

7 1/2 inch rods are \$15 - 20 each, depending on the mix.

My apologies if you took offense, but call Amidon direct tomorrow (714 850-4660) and ask them for a 15, that's *fifteen*, inch rod in #33 material. Speak with Glendy (my supervisor) if you have a problem with this.

I get requests frequently for oversized rods, and the prices people pay are ridiculous. But they want 'em, and they find them. Small quantities (less than 1,000) of custom rods can be very expensive, especially when they are of a length that is very difficult to cinter with good camber tolerance. Most of the larger rods have been discontinued in small quantities because there is little or no commercial interest in them.

You can put two 7 1/2 (seven and one-half) inch rods end-to-end and get similar electrical response, but not exact and it won't have the same physical characteristics. For some applications the rod simply must be in one piece.

Never again will I post a find like this to the group. In less than two hours I've received more input on these rods - mostly negative - than I've received on anything I've ever posted to any electronic medium. I've got more of a clue than you could imagine!

Tracy Markham, N4LGH, #1453
ByteMark / Amidon
Tracy@bytemark.com
800 679-3184

-----Original Message-----

From: Lee Bahr [SMTP:w5drc@ix.netcom.com]
Sent: Thursday, April 30, 1998 9:18 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [Fwd: Rare Rods Available (2)]

I fell off the chair reading this one myself! Bought some of these from Amadon a few years ago for I think around \$15 to \$18 dollars apiece. Think I'll sell em and retire. Bye the way, if anyone out there misses out on this great deal, I probably could be talked out of mine for that price! What a joke. Guys like this don't have a clue and give this great hobby a bad name. Just think what the price would be if he didn't want to help us all out! Hope the guy runs out of gas on the highway and nobody picks him up! Lee w0vt PS: I have some 4-40 screws my buyer bought a few years ago for \$10 each. I'd be happy to share them with you for ONLY \$8 each. But remember, first come first served unless you want to slip me a little extra under the table!

burro@panama.gulf.net wrote:

> Is this for real? I almost had the big one reading it.
>
>

>
> Subject: Rare Rods Available (2)
> Date: Thu, 30 Apr 1998 19:03:11 -0400
> From: Tracy@bytemark.com (Tracy)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>
> Any lowfers out there looking for oversized ferrite rods??
>
> I have two (2) 15 inch long, half - inch diameter #33 mix rods which were found
> way back in the warehouse from a special order made long ago. These rods were
> \$199 each in quantities of 100 with a special tooling charge. (expensive ...)
>
> You guys get first hack. I will let these puppies go for \$275 for the pair,
or
> \$150 each. Shipping will be \$10 as they will be packed like they're being
> dropped from a plane. (In today's shipping world, they just might be!)
>
> If these are not spoken for by Monday I'll be listing them on our web site
for

> \$185 each. I'll also be posting them to a few newsgroups this weekend. If you
> want one or both, CALL me at 800 679-3184. I check email several times per
day
> but answer the phone immediately when it rings ...
>
> Tracy Markham, N4LGH, #1453
> ByteMark / Amidon
> Tracy@bytemark.com
> www.bytemark.com
> 800 679-3184

Date: Thu, 30 Apr 1998 20:25:48 -0700
From: LYN <designserv@ipass.net>
To: jeff@dcsoftware.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9751] Re: Long Wire Antenna
Message-ID: <354940BC.F7903C27@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff Johnson wrote:

> Hello everyone:
>
> I am going to Las Vegas for a convention and would like to take my SW4040
> and ZM-2 antenna tuner with me. I thought of hanging a long wire out the
> window and connecting a ground to the faucet. Does this sound reasonable?

No. First, it's not likely that you'll be able to open a window. Second, it's unlikely that the plumbing will be metallic very much further than you can see it. Your antenna needs to be some form of loop or shortened dipole spread to take up all the room you can find. Of course, there are many others who can no doubt recount what they have tried with success. Good Luck.

Lyn, W4WDN

Date: Thu, 30 Apr 1998 21:32:56 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [9752] Beam cheating :-)
Message-ID: <199805010232.VAA07849@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI gang:

 need to know what antennas are leagal for qrp status...

A loop has gain over a dipole and is directional (beam)

Phased antennas vertical/horizontal are also beams

an eighty meter dipole used on other bands saay 40 up is a gain and
directional antenna so that has to be illegal...

A vertical (other than a quarter wave) is a gain antenna. actually it has
gain over a dipole so, is that one illegal also?

 Seems this brings us down to a dipole. Now if u put that dipole high
enough it's pattern... is gonna change and be lots betterer than one close
to the gnd... in most cases... not all...

 Sure seems to be a lotta miseries in this qrp thing... much as I
like to chat with people on a "regular" basis... I guess I'll stay qro at 4w
with the beam...

 u know qro rules are simple: if u can afford it and it an't over the
legal limit u put it on the air and be happy... simple :-)

 Now before anyone takes all this hum bug too serious, let me assure
u that I am not... I just find it amazing how we all differ in our outlook
at things, in this case qrp...

 Sure makes for an interesting and informative group... thanks for
being there...

joel in maine "getting out at last"

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
2 element yagi on 40mtr

Strong, Maine 04983
jdenison@morelr.com

QRP ARCI 4066
AK/QRP 109

NEW ENGLAND QRP 476 QRP-L 765

Date: Thu, 30 Apr 1998 22:39:53 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9753] non ham related.AOL users
Message-ID: <ae121c2e.354935fa@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I'll be changing my hard drive tomorrow.
If any AOL members want the new pop up for the timer, please "E" mail me and
i'll upload it to you.
This is the new one that will work on the new AOL 4.0 version
Bob
WA2HOQ

Date: Thu, 30 Apr 1998 21:41:20 -0500
From: n5inz@juno.com (John M Andrews)
To: Tracy@bytemark.com
Cc: qrp-l@Lehigh.EDU
Subject: [9754] Re: Offers for sale.....Tracey/ByteMark
Message-ID: <19980430.214121.3462.8.N5INZ@juno.com>

Let's go easy here, Folks.

No one is twisting your arm to buy.....Tracey/ByteMark offers fair prices
on other items and has hinted that some prices on more common ham
related items may drop.

Who wants to irritate someone who may have a great deal on an item
you *may* want later?

You may find that he will withhold these items out of concern that this
group does not receive offers well.

Think about it- The delete key works for everyone.

FWIW- John- N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 23:08:06 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:jakecart@ix.netcom.com" <jakecart@ix.netcom.com>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>,
//QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [9755] No QRP Quarterly here yet -- is it time to panic??
Message-ID: <199804302311_MC2-3B98-A2D8@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Jake:

Well I got the Quarterly...but am missing the QRPP itself :-(. Hoping it is just a *normal* delay at USPS. Question I have--what does one do if it doesn't get here? I am not certain of the procedure. Sure don't want to miss even a single issue. Bought the re-prints just so I would have every issue.

If you hear of a solution/procedure....please let me know, too. Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Thu, 30 Apr 1998 23:23:20 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <Tracy@bytemark.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9756] Re: [Fwd: Rare Rods Available (2)]

Message-ID: <199805010326.XAA05926@mailhost.infi.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

We love you Tracy.

Don't take offense because a few guys get all excited. Should be nothing personal on this list, but you know how it is, with a group this big and everyone has an opinion.

The Cub Scout motto is, "Do your best", and that's all we can ask from anyone.

Since the "Level" discussion we've learned that some people might have different opinions, understanding, capabilities, etc.And, occasionally those differences show up in print.

Doesn't make it right or wrong or offensive..... just different.

CUL,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. -- Benny Hill

Date: Thu, 30 Apr 1998 23:23:09 -0700

From: LYN <designserv@ipass.net>

To: rmccarty@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [9757] Re: Need tutor, design/experiment query

Message-ID: <35496A4D.309DD@ipass.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Roger A. McCarty wrote:

> Perhaps someone can point me in the right direction?

>

> I am playing with simple circuits and recalculating tanks/L.c.'s on proven
> circuits and find that I am working with too many variables. For example,
> What should be (I think) a simple task of scaling L's and C's of Lewallen's
> transmitter stage of the "optimized qrp rig" for 10.125 MHz., I find my

> output efficiency is horrid, somewhere around 25%. Because there are two
> possible areas of discontent i.e., the driver tank and the output pi-net,
> it seems to me that to optimize the stage via experimentation, that I need
> to have one of the variables fixed and/or of a known correct impedance. It
> seems further that it would be logical to provide a fixed and matched output
> of proper impedance/resistance to the collector, and then optimize the input
> stage.
>
> Therefore my question is, how would I determine the necessary load to
> present to the collector by the way of a fixed value resistor, or sans
> pi-network?
>

Roger,

I suggest you refer to the current issue of QRP quarterly for a good discussion that should be very enlightening.

Lyn, W4WDN

Date: Thu, 30 Apr 1998 23:30:27 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@Lehigh.EDU>
Subject: [9758] 10 meter contest
Message-ID: <01bd74a9\$1a828ba0\$07199e03@luis>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone provide the way to subscribe to the Ten-Ten International list ?
I'll be around during the Ten-Ten contest this weekend, operating QRP at
5 watts with my HTX-100.

Another question: What are the frequencies used by USA Novices and
the other class of limited priviledges license (think is something like
Tech-Plus ?)

I would like to tune around to work some of the newcomers to the hobby
there,
and give them a chance to exchange contest reports with a "DX" station.
I often do that on 15 and have a nice time with the guys working "DX" for
the
first time !

Arnie

C02KK

reply to: arnie@radiohc.org

and : inforhc@mail.infocom.etecsa.cu

Date: Fri, 01 May 1998 20:50:11 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-l@Lehigh.EDU
Subject: [9759] Re: Beam cheating :-)
Message-ID: <3.0.1.32.19980501205011.00691b38@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:32 PM 4/30/98 -0500, Joel, WA5CVM, wrote:

>HI gang:

> need to know what antennas are leagal for qrp status...

>

>A loop has gain over a dipole and is directional (beam)

>

>Phased antennas vertical/horizontal are also beams

>

>an eighty meter dipole used on other bands saay 40 up is a gain and

>directional antenna so that has to be illegal...

>

<snip>

Does this make my 4CX5,000 into a water-cooled dummy load QRP?

Jack, W7PW

Date: Fri, 1 May 1998 00:46:32 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9760] Bob rants. SGC. QRP, 'cummings', send me your \$ or I skin the cat.
Message-ID: <199805010330.XAA21391@atl.org>

A community is a bunch of like minded people who stick together for whatever reason they want.

A community is what is left after all the threats to the community have been dealt with.

I am not letting my kids in the Government school because the Government school officials primary concern is that my kids be socialized in accordance with their norms.

Private school costs lotsa bucks and I don't want to feed the cat. So, the cat is gonna get skinned.

Maybe.

I figure, don't feed the cat and skin the cat and I'll feel lots better. But, I figure some more and remember this lobster and everyone whining about the poor lobster is gonna get eaten and wishing I could afford some lobster to eat and next thing I know this lobster is gettin bought for enough bux to send my kids to school for a year and it's free Wilhelm or whatever the lobsters handle was and the lobster is swimmin off into the sunset with his golf clubs and two babes and laughin all the way to the lobster bank (well it was a lot anyway) so I figure I can threaten to eat this cat but I lost my friend Luos' cat recipe except I remember the part about the pickles but that's not enough to make it tasty and then I figure some more and decide that I'm gonna just go back to skinnin but only if I don't get \$20k in don't skin the cat bux cause if I can get \$20k in don't skin the cat bux it makes sense not to skin the cat when the greater reward comes with a skinned (as in it's still on the thing) cat than with a skinned as in pile of cat over here, pile of cat skin over there, cat.

So send some \$ or this cats gonna be shopping for a new soot.

Which brings me to the 2020 which appears to have turned to &*&\$ overnight. It's a radio for crying out loud. It is designed to satisfy a target market. Digital wants a constant phase filter which can't have steep skirts and SSB is more tolerant of this than OOK. So, what are the options if pleasant, top of the line, OOK is the goal? I'm gonna wait N years, buy one cheap, and play with it. If it's not what I want, I'll modify it or trade it for something else. That's how I buy all my radios :-)

-bob
wb4mnf
where did I put that stone?

good bye to my antenna range/surveillance RX
<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=12153368>
never found time to play with it.

Date: Fri, 1 May 1998 00:03:37 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Subject: [9761] Midnight and 20 is open (to somewhere)
Message-ID: <Pine.LNX.3.95.980501000205.15184A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How strange, to be hearing 20m open at midnight...mebbe solar phenomena
is actually GOOD for something :)

Reminds me of the tail end of the peak of last cycle!!!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Thu, 30 Apr 1998 21:13:08 -0700
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9762] Re: Schematic drawing
Message-ID: <35494BD4.3B5C119B@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was just inquiring about Turbo Cad because I predominately do 2-D and some isometric drawings and it would be nice to branch out with 3-D. A \$200 package seems reasonable.

--

Chuck Snyder 73s de KD7BBF
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

L. B. Cebik wrote:

> Re: TurboCAD v4: Version 5 with integrated 3-D ability and other
> features is just now coming out. Have done some beta testing on it. It
> may be overkill for schematic drawing, since I have used v 2 - 4 and have
> not yet used all the features. But very interesting alternative,
> especially if you do combinations of drawings and schematics. The symbols
> library is very extensive (as I recall, over 10K) and includes symbols for
> everything from electronics to plumbing to architecture. A very good
> geature vs price ratio.
>
> Not a sales pitch; just a user review.
>
> -73-
>
> LB, W4RNL

Date: Thu, 30 Apr 1998 23:34:36 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <wb4mnf@atl.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9763] Re: Bob rants. SGC. QRP, 'cummings', send me your \$ or I skin the cat.
Message-ID: <199805010529.BAA60214@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

eeeeeeeeeee gads !!!!! Nils has a cousin !!!!!!!!!!!!!!! Run for the hills gang and bring your cyclotrons with ye !!!!!!!!!!! :-)

ldfjruqweou023842304023840230ncx,vncx,vncx,vncx,vcxvcxv,,,,,,,,xzxxz,vnc,vn,c
xnhjf

Your not getting my Alien autopsy tape , no way !!!!

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

> From: Bob Duckworth <wb4mnf@atl.org>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Bob rants. SGC. QRP, 'cummunities', send me your \$ or I skin the
cat.
> Date: Thursday, April 30, 1998 5:46 PM
>
> A community is a bunch of like minded people who
> stick together for whatever reason they want.
>
> A community is what is left after all the threats to the
> community have been dealt with.
>
> I am not letting my kids in the Government school
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>
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>
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>
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> feel lots better. But, I figure some more and remember
> this lobster and everyone whining about the poor
> lobster is gonna get eaten and wishing I could afford
> some lobster to eat and next thing I know this lobster is
> gettin bought for enough bux to send my kids to school
> for a year and it's free Wilhelm or whatever the lobsters
> handle was and the lobster is swimmin off into the
> sunset with his golf clubs and two babes and laughin
> all the way to the lobster bank (well it was a lot anyway) so
> I figure I can threaten to eat this cat but I lost my friend
> Luos' cat recipe except I remember the part about the
> pickles but that's not enough to make it tasty and then I figure
> some more and decide that I'm gonna just go back to skinnin

> but only if I don't get \$20k in don't skin the cat box cause if
> I can get \$20k in don't skin the cat box it makes sense
> not to skin the cat when the greater reward comes with a
> skinned (as in it's still on the thing) cat than with a skinned
> as in pile of cat over here, pile of cat skin over there, cat.
>
> So send some \$ or this cats gonna be shopping for a
> new soot.
>
> Which brings me to the 2020 which appears to have turned to &*&\$
> overnight. It's a radio for crying out loud. It is designed
> to satisfy a target market. Digital wants a constant
> phase filter which can't have steep skirts and SSB is
> more tolerant of this than OOK. So, what are the options
> if pleasant, top of the line, OOK is the goal? I'm gonna
> wait N years, buy one cheap, and play with it. If it's not what
> I want, I'll modify it or trade it for something else. That's how
> I buy all my radios :-)
>
> -bob
> wb4mnf
> where did I put that stone?
>
> good bye to my antenna range/surveillance RX
> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=12153368>
> never found time to play with it.
>
>
>
>
>
>

Date: Thu, 30 Apr 1998 22:42:03 -0700 (PDT)
From: Stephen Lee <slee@u.washington.edu>
To: Mike Pender <steam@megsinet.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9764] Re: What straight key is this?
Message-ID: <Pine.A41.3.95b.980430223035.134880A-100000@homer37.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This straight key is a Nye-Viking. I have one just like it...
was my very first straight key. It lacks the solid feel of a
J-38 upon contact closure but to its credit it is a very
quiet key. The pivots and lever bar are taken from Speed-X,

which Nye-Viking acquired some years prior to bringing out this key. When I checked about 3-1/2 years ago, this straight key was still on the market. I have the Bencher straight key and the one I've got clackety-clacks when pounding brass. My two favorites are the Speed-X and J-38, very nearly identical keys. I need to use them more often :)

de AB7HI, Stephen Lee, Federal Way, WA

Date: Thu, 30 Apr 1998 23:34:38 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9765] Test
Message-ID: <000101bd74b2\$16610660\$f4d633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Test of e-mail.

Date: Fri, 1 May 1998 00:38:03 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [9766] Re: Midnight and 20 is open (to somewhere)
Message-ID: <199805010738.AAA22829@usr06.primenet.com>

Howdy,

Scott (NF3I) wrote:

>

> How strange, to be hearing 20m open at midnight...mebbe solar phenomena
> is actually GOOD for something :)

Heck yeah - just finished up some QRP fun here in AZ. Around local midnight on 20m, I had a solid 50 minute chat with KC0AGH in Denver. He was 599+ the whole time (200w) and gave me a 589. Band was just in *great* shape. We could've yacked all night if we were still

young. :)

Also worked two JA's on 20m, one right before KC0AGH and one right after. All QSOs near 14.060 too. Nice when you don't have to stray too far from "home". :-)
Heard lots of Russian stations on the lower part of the band, plus a VK or three, didn't work any though.

Oh well, time for bed. Pleasant dreams of K-2's, S&S boxes and multiband OHR's to all. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;
Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Fri, 01 May 1998 12:42:57 -0700
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: qrp-l@Lehigh.EDU
Subject: [9767] More power?
Message-ID: <354A25C1.6F07@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

First of all I must say that I really enjoy the descriptions on QRP-L on the search for more power on all kind of QRP rigs. And I learn many good things on the comments and discussion.

But, at the same time I have a, maybe, ethical question.

I've decided myself to be a QRPer, and use as lower power as possible.

When "propa" is lousy I read, mangle with my coming projects, make translations of manuals into Spanish or write articles for technical journals. In searching for a better station, I will do my best to keep my receivers sharp, my antennas tuned, and the efficiency of the PA as high as possible... the Zen of QRP.

But, I will never try to increase power of my rigs *unless associated to an increase on efficiency*. My quest will be to *reduce* power...

If I would like to increase power, I would go for a big rig, with lotsa power... but it wouldn't be fun anymore.

Well, just my thought.

Be well. And have a nice weekend. Here in Europe we are enjoying a long one *Fri to Sun*... :-)

jon, ea2sn

Date: Fri, 1 May 1998 06:58:09 -0400 (EDT)
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>
To: qrp-1@Lehigh.EDU
Subject: [9768] power measurement
Message-ID: <199805011058.GAA09865@mail.provide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone know how one measures power exactly. Well, as exactly as can be done by human beings.

No, I don't mean comparing your power meter to a Bird. They're not that good.

Must be a literature on it, and I don't know it. Perhaps I should consult the Bureau of Standards publications.

In all of my years of ham radio, I must have had ten power meters, and they all read different things. Wouldn't it be nice to have something that really was accurate to four significant figures?

73 Jerry W8GND -- whose DAIWA says 3 watts, and whose MFJ says 4 watts

Date: Fri, 01 May 1998 06:59:10 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@Lehigh.EDU
Cc: PGSPersEng <PGSPersEng@aol.com>
Subject: [9769] re: Elmer101: Varactor substitution
Message-ID: <1.5.4.32.19980501105910.00fed3d4@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

On 30 April 1998 you said:

>I've measured the tuning range of my VFO as 38 kHz. However, I'd like to have
>the rig cover both the DX window at the bottom of the band (7000 - 7015) as
>well as our favorite QRP calling freq range (7035 - 7045), for a total spread

>of 45 kHz min.

>Is there any technical reason why I couldn't do one of the following to
>increase the tuning spread:

> -----SNIP-----

>Paul, AA1MI

Paul,

On the SW40+, I simply paralleled a 47pf NPO (spare from the kit) with C8 (82pf). Tuning went from approximately 7023-7058, about 35KHz, to 7004-7061, about 57KHz or so. (This came out perfect for me - I almost did a backflip.) I've not made any comprehensive drift measurements, yet, and I'm sure there may some slight differences, but if so, my very critical ear can't hear it.

Obviously the extended range made the tuning a little more touchy, but so far is acceptable. I'm sure the linearity was affected, too, but I didn't measure it prior to the mod.

This radio works GREAT, folks!

Good luck,
Rick - W4SEA

Date: Fri, 1 May 1998 07:29:59 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [9770] Re: No QRP Quarterly here yet -- is it time to panic??
Message-ID: <199805011129.GAA17946@dfw-ix10.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Will do Doc. I don't want to bug the ARCI folks (or QRPP folks) if its not necessary, but I would hate to miss an issue of either of these fine publications.

BTW, I'm in the process of sending out my QSLs from the last ARCI QSO party -- trying to confirm as many states as possible with the SST. I'll be sending one to you.

Thanks,

Jake -- N4UY

> From: Wilford D. Lindsey
> Subject: No QRP Quarterly here yet -- is it time to panic??
> Date: Thursday, April 30, 1998 11:08 PM
>
> Jake:
>
> Well I got the Quarterly...but am missing the QRPP itself :-(. Hoping it
> is just a *normal* delay at USPS. Question I have--what does one do if
> it doesn't get here? I am not certain of the procedure. Sure don't want
> to miss even a single issue. Bought the re-prints just so I would have
> every issue.
>
> If you hear of a solution/procedure....please let me know, too. Thanks
> in advance.
>
> 72/73,
> --Doc

Date: Fri, 1 May 1998 06:41:59 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [9771] wire/rope beam particulars
Message-ID: <199805011141.GAA03096@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang

due to many requests I will post the particulars of this "outlaw"
forty meter beam. It's a simple yagi, three element, (two work just fine)
horizontal, 12ga wire and some rope and trees...

Driven element 468/F
Director 6% shorter 468/f x .94=dir
Reflector 6% longer 468/f x 1.06=ref

Spacing formula 984/F
dir: .1 wave 984/f x .1= .1wave
ref: .2 wave 984/f x .2= .2wave

Height

The wires are about thirty or a bit more off the gnd

they are not in a line with each other to a perfectionist standard but the wires are fairly close to being in line with each other... functional

I used a rope, marked off at .1 and .2 wavelength, tied to the end of the elements to keep them at the correct spacing although this does not seem to be particularly critical.

I also used a rope at each end of the driven element to keep it from sagging too much..

so I have each element with it's own set of ropes to keep it tight..

The two element version works just fine, driven & dir, I have it pointed toward alaska...and VE land...

I used my rod and reel to get the rope into the trees.
anything else you might like to know just email me...(put email in heat proof container :-)

Match to 50 ohm coax

less than 1.5 to 1 with two elements
flat across the band with three elements... 'mazing, guess i had right length of coax :-)

I am using the twenty db pad on my qrp++ for a lot of signals now...
The ant is pointed towards new mexico but does well from Washington to Florida and all inbetween...

When beams are outlawed only outlaws will have beams.....silly :-)
joel in maine "getting out at last"

ps

a loop version (quad) is on the planning board... gotta figure out where I can put it and still keep the yagi for comparison... problems...

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
2 element yagi on 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Fri, 1 May 1998 07:52:18 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Jon Iza <iapizloj@biccc00.bi.ehu.es>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [9772] Re: More power?
Message-ID: <Pine.LNX.3.95.980501074428.17398B-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

BUT it's important to remember why we're around.

- 1) To experiment
- 2) To serve our countries
- 3) To serve the populations
- 4) To enhance international goodwill
- 5) To be there in case of disaster/emergency

We are where we are in the spectrum because we perform many functions which can be used to help many people.

We must continue being proficient at all of them, however, in order to achieve this goal.

"Even while you excel at one thing, you should still try everything."

This weekend - comm. for the Chesapeake Bay Bridge walk. Let us not forget 80/75m traffic nets, 20m traffic nets, 2m traffic nets, digital modes, satellite operation, and all that other stuff that keeps us visible to the world. It is important to not become one-dimensional.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

On Fri, 1 May 1998, Jon Iza wrote:

> Gang,
> First of all I must say that I really enjoy the descriptions on QRP-L on
> the search for more power on all kind of QRP rigs. And I learn many good
> things on the comments and discussion.
> But, at the same time I have a, maybe, ethical question.
> I've decided myself to be a QRPer, and use as lower power as possible.
> When "propa" is lousy I read, mangle with my coming projects, make
> translations of manuals into Spanish or write articles for technical
> journals. In searching for a better station, I will do my best to keep
> my receivers sharp, my antennas tuned, and the efficiency of the PA as
> high as possible... the Zen of QRP.
> But, I will never try to increase power of my rigs *unless associated
> to an increase on efficiency*. My quest will be to *reduce* power...
> If I would like to increase power, I would go for a big rig, with lotsa
> power... but it wouldn't be fun anymore.

> Well, just my thought.
> Be well. And have a nice weekend. Here in Europe we are enjoying a long
> one *Fri to Sun*... :-)
> jon, ea2sn
>

Date: Fri, 1 May 1998 07:02:40 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<iapizloj@biccc00.bi.ehu.es>
Subject: [9773] Re: More power?
Message-ID: <001a01bd74f9\$0bbdaaa0\$4f70d9d0@fred.ott.net>

Jon,

I fully agree with you. When propagation is poor, one can always
"melt solder," or as you say, translate manuals, work on articles,
etc.

I really like your emphasis on fun, because this is "only a hobby!"
During the >30 years that I have been licensed, I have from time to
time become an inactive amateur radio operator, and this has always
been initiated by something that has caused this hobby to no longer be
fun. Before I discovered QRP, I remember becoming inactive more than
once when I had several very bad experiences on HF SSB at the hands of
rude operators who either excluded me, or demonstrated a lack of
manners while chasing a DX contact.

QRP has made the hobby fun again, especially with the emphasis on
understanding the electronics and building our own gear.

Thank you for sharing your thoughts,

73s,

Fred Ringwald, AB0AE
fred@innocent.com

-----Original Message-----

From: Jon Iza <iapizloj@biccc00.bi.ehu.es>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, May 01, 1998 5:49 AM
Subject: More power?

>Gang,
>First of all I must say that I really enjoy the descriptions on QRP-L
on
>the search for more power on all kind of QRP rigs. And I learn many
good
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>But, at the same time I have a, maybe, ethical question.
>I've decided myself to be a QRPer, and use as lower power as
possible.
>When "propa" is lousy I read, mangle with my coming projects, make
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>journals. In searching for a better station, I will do my best to
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>my receivers sharp, my antennas tuned, and the efficiency of the PA
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>high as possible... the Zen of QRP.
>But, I will never try to increase power of my rigs *unless associated
>to an increase on efficiency*. My quest will be to *reduce* power...
>If I would like to increase power, I would go for a big rig, with
lotsa
>power... but it wouldn't be fun anymore.
>Well, just my thought.
>Be well. And have a nice weekend. Here in Europe we are enjoying a
long
>one *Fri to Sun*... :-)
>jon, ea2sn
>

Date: Fri, 1 May 1998 07:12:03 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9774] qrp
Message-ID: <199805011212.FAA19101@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Scott
I know ur right , but ur to late. This year Im stuck in the cw/qrp mode
:) :)
Larry Ac5ez

Date: Fri, 1 May 1998 06:38:51 -0600
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [9775] End fed Zepp vrs EFHW?
Message-ID: <008f01bd74fe\$57237a60\$8aa8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm curious why an end fed Zepp antenna works without a counterpoise. I've read all about the end fed halfwave antennas and most articles say/recommend using a counterpoise cut for the frequency of operation.

I plan to put up a long wire(265') but because of it's location I must feed it with a run of 250' of 450 ohm twinlead/ladderline....like a end fed Zepp. I've never seen any counterpoises associated the Zepp configuration. So, what happens to the side of the feedline that just ends at the antenna feed point and connects to nothing? Why is the end fed Zepp happy w/o a counterpoise?? or without something hooked to the 'no connection' side?

72...Steve

n0tu - solar powered QRP & wire antennas
email: n0tu@webaccess.net

Date: Fri, 1 May 1998 08:02:03 -0500
From: Freddy Brown <freddyb@tnpride.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [9776] unsubscribe
Message-ID: <D17E6AED068AD11199070060973CEDBA04FAF1@DELLSERV>
MIME-Version: 1.0
Content-Type: text/plain

Freddy Brown
freddyb@tnpride.com

Date: Fri, 1 May 1998 08:57:38 -0400
From: aa5yx@juno.com (John F. Harper)
To: qrp-1@Lehigh.EDU
Subject: [9777] Re: No QRP Quarterly here yet -- is it time to panic??
Message-ID: <19980501.085739.3942.1.aa5yx@juno.com>

On Thu, 30 Apr 1998 21:42:17 -0400 "John L. \"Jake\" Carter"

<jakecart@ix.netcom.com> writes:
>Got my QRPP and Keynote yesterday, but no QRP Quarterly. Am I the
>last guy
>on
>the mailing list or is it time to assume that my copy is not on its
>way?
>Has anyone else not received theirs??

No, I haven't received mine either.

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m
NJ-QRP-148 QRP ARCI-9654
<http://home.att.net/~j..harper>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 May 1998 09:12:30 -0400
From: km3d@juno.com
To: qrp-1@Lehigh.EDU
Subject: [9778] More power?
Message-ID: <19980501.091231.6838.0.km3d@juno.com>

You guys are summpin else....

QRP-L is a safe haven; a last holdout of what 'ham radio' was, and can be... enjoy what you've got - and don't push 'your own idea' of what QRP is on others. Each of us has a DIFFERENT idea (and I've not heard a bad one yet).

73, Harry, KM3D

QRP Mobile (w/ Hustler antennas)
20m CW - NN1G w/Curtis Keyer
75 + 20m SSB - Norcal Cascade

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 01 May 1998 08:20:14 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-l@Lehigh.EDU
Subject: [9779] Re: What is QSK?
Message-ID: <3.0.3.32.19980501082014.00768c40@oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike: I have also noted references, some critical, to relays being used in QSK circuits on this list lately. QSK is the ability to hear CW signals between your dits/dahs, even at high rates of speed, while not deforming your own keyed waveshape. If your TS570 gives you this, you have "GOOD" QSK, enjoy it. The method for achieving QSK does not enter into it. (in my opinion) A loud relay DOES detract from the performance of QSK. Semi-QSK, or delayed receiver recovery is unacceptable for my use. Most of the QRP kit rigs achieve their QSK thru solid state switching, rather than using relays, and do a pretty good job at it.

Ten Tec rigs are noted as the standard for QSK by which all others are compared. Eliminating relays as a means of achieving this QSK would eliminate most of Ten Tec's rigs, as they DO use relays in the QSK circuit.

My only objection to relays for QSK is the fact that I can HEAR the relay on my Omni series and Delta, but not on the Corsair II, the QSK operation itself is flawless on all. I think the Argosy series and Century 21/22 did use solid state switching in QSK. "72"

At 07:14 PM 4/30/98 -0600, you wrote:

>So, everyone, what is the definition of QSK? I'd define my TS-570 as
>QSK because it is fast and I can really hear between the dits.
>
>How say you?

Dub WA5YFY
J. W. (Dub) Thornton
QRP-1 #159
Norcal #598
ARCI #6982
NW QRP #427
Minco, Okla. 73059

Date: Fri, 1 May 1998 09:27:04 -0400
From: w4bws@juno.com (Donald E Sanders)
To: km3d@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [9780] Re: More power?
Message-ID: <19980501.092721.10670.1.w4bws@juno.com>

Anyone know what my L-4B (with new Eimac 3-500's) aluminum QRP antenna is worth on the used market.

Don W4BWS

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 May 1998 08:45:48 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-1@Lehigh.EDU
Subject: [9781] more border.
Message-ID: <862565F7.004B62A8.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

If I went to the shore line of lake michigan could I say I was on the border of wi - mi - il - in.

Brian AE9K

Date: Fri, 01 May 1998 10:01:04 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9782] Re: power measurement
Message-ID: <3549D5A0.419E@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The ARRL Lab uses an HP437B/8482A that can be calibrated by NIST, though the ideal sensor for 5 watt QRP work might be the 25 watt 8481B, which avoids the error involved with a precision attenuator. Accuracy without external attenuators and couplers is roughly 0.5% plus the NIST sensor calibration uncertainty. Don't forget mismatch errors if you use attenuators.

When I use one of these sensors, I like to make sure that even if something breaks or goes into oscillation, the sensor still won't be overloaded. I normally use 100 mW as the worst case scenario for the 8482A sensor. I've gotten lazy and just assume that all our test gear doesn't like to see excessive DC voltages--which can be just a few volts. I also assume that ALC systems are poorly designed unless proven otherwise. I recommend testing the attenuators and the test setup before attaching the sensor.

WA7CJO does use an HP power meter to monitor his 400 watt 10 GHz TWTAs, but he may own more HP test gear than hams in several states (measured by resale value, not weight)--Zack W1VT

Date: Fri, 1 May 1998 09:09:01 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [9783] Check Six
Message-ID: <9805011420.AA13524@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7BIT

I'd like to remind the QRP community to check six meters. I frequently see strong band openings on VHF TV, yet hear nothing on the band. Six is a great QRP band; my barefoot transverter is all I need when the band's open. I'll be looking for you the next time I turn on the TV and see the Flintstones in Spanish.
73 de Bryan W8LN

Date: Fri, 1 May 1998 10:03:00 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Cc: grao@umbc, anielsen@squid.umd.edu, madhu@cs.umd.edu, suman@cs.umd.edu, Laurel ARC <larc-l@webtrek.com>, tobyw@cpcug.org
Subject: [9784] Don't forget, QRP Pizza/Pasta at NF3I SATURDAY, 6 p.m.
Message-ID: <Pine.LNX.3.95.980501095945.18151C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm providing pasta and (some) soda. I could probably stand to make more ice. I will provide substandard but still functional antennas.

You provide pizza, munchies, "special" beverages, and radios. Bring enough for yourself and plan to share with others. It's nice to share.

Where? ARS NF3I
When? Saturday, 6 p.m.
What? If you have to ask, you don't want to be there.
Why? Because. We haven't done it in a while.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 01 May 1998 09:17:23 -0500
From: Dan Copeland <dcopeland@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [9785] proof

Message-ID: <14130326504198@wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well I have learned one thing. The next time there is a QRP event, I will call the US Supreme Court and get a ruling from them as to whether or not my location is legal.

I will call the national Bureau of Standards to come over and measure my power output to make sure it is not over 5 watts. I am unsure how many places past the decimal point it takes to be legal.

I will make sure my Dipole is not more than 10 feet off the ground and I will de tune it so it is very inefficient.

I will make my code key out of a beer can with sharp edges. I will also call the police over to harass me.

I will then notify the List-Cops and invite them over to review the evidence. I will serve them some nice grape Kool-Aid while they are here :-).

Since this was my first QRP event, I was just not prepared for this burden of proof.

Maybe next time instead of doing all of this, I will just stay home and DX on 7.040 with a KW :-).

Daniel Copeland KF00V
dcopeland@wwn.net

QCWA Webmaster* ARRL-life member* QRP-L 1004
Norcal 38S, MFJ 9040, OHR 100A/20
<http://www.teleport.com/~qcwa> | <http://www.dcopeland.com>
"I want to die peacefully in my sleep like my grandfather,
not screaming in terror like his passengers."

Date: Fri, 01 May 1998 08:25:34 -0600
From: Bob Follett <bfollett@ditell.com>
To: qrp-l@Lehigh.EDU
Subject: [9786] Big rods, little rods @ Tracy
Message-ID: <3549DB5E.46DCF6AE@ditell.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=x-user-defined
Content-Transfer-Encoding: 8bit

Gang:

I am a VLF guy, and when I had read Tracy's first rod post, I thought of telling the world that while I know for a fact that 1/2" rods are hard to find, they aren't needed for rod antennas -- the present Longwave receiving practice is to bunch three of the smaller rods, staggered, to make a big, long rod. -- Mine is over 4' in length. (Cost -- almost \$200) Perhaps I was at fault for not posting immediately....

BUT: it became obvious that Tracy was about to be flamed for offering 1/2" rods at that price -- and he was.

Guys and Gals, Tracy knows his rod prices, but perhaps was remiss in suggesting who might want them -- You would have to have a very special need to order rods of that type, and probably not an amateur experimenter like us. Perhaps a collector?

In any event, I think some of us were a little harsh on Tracy. He was trying to make an honest offering, the price is, in fact, competitive due to scarcity, but his target market was, in my opinion, way off base. Should he have known? Doubtful. There aren't that many VLF'ers in our group, and rod receiving antennas do not generate big threads here.

Tracy, I hope you don't take your threat of never posting to this group again too seriously. I, for one, apologize that "we" flamed you beyond your limits of acceptability. Don't run away -- we need your expertise, and value your input. (We just aren't in the market for custom ferrite materials and their associated prices)

73, Bob
AB7ST

Date: Fri, 1 May 1998 10:21:25 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [9787] "QRP IS."
Message-ID: <Pine.LNX.3.95.980501102045.181510-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There's a saying about DX.

"DX IS."

I think the same can be said about QRP.

"QRP IS."

Remember this.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 1 May 1998 09:27:51 -0500
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-l@Lehigh.EDU>
Subject: [9788] threads
Message-ID: <01bd750d\$523d0fc0\$db6afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy,

This is the greatest e-mail group there is, I believe. Much has been learned by asking questions, and much will be learned in the future I'm sure.

However, a lot of the mail I receive is incomplete. That is, there is a short, few word "answer" to something or another. Heaven only knows what.

Many of the questions that are asked could be answered by a short trip to the ARRL handbook.

The reason I am putting this out to the group, is that I took a short trip to McAllen, TX (three days). When I returned, there were about 500 messages waiting in the inbox. Many of which were about "what is QRP? and which is the best antenna? Leveling the playing field etc..

As I said in the beginning, There is much to be learned, and this group is a great place to get those questions answered, but beating a subject to death is a bit much, I think.

regards,

Foxy w5hir@gte.net

Success is recognizing a dead horse at the earliest possible moment,
and burying it with the least possible ceremony.

Date: Fri, 1 May 1998 08:31:51 -0600
From: Brad Mugleston <bmug@gw1.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [9789] Computer Help
Message-ID: <01BD74DB.A04E7C80@pps-pc10.gw1.com>

I know this isn't QRP related but stretching it, it could be, I get a lot
of radio related attachments. Starting about a week ago all my email
attachments look like this:

{EMBED Unknown}

Even the one's I've had for awhile. I can't open them or do anything with
them.

Does anyone out there know what I did?

BTW I am using Exchange on Windows 95.

De KB0ROL, Brad

Date: Fri, 1 May 1998 09:43:27 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [9790] RE: more border
Message-ID: <199805011443.JAA11225@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High Brian and gang:

what ever happened to "close enough?" I guess when one starts
engineering radios and stuff, precision becomes necessary... You know "close
enough" will still get u most fish... if u have the right bait...

Math, and things might require precision on papper but not so much

in real life... take qrp for example... say two watts, for example... two watts can only do two watts worth or radiating, no more or no less. Given definite conditons it will only go so far... given "ideal" conditions it will do better than under "normal" conditions... but that is what "two watts" can do... no more.

If one enhances one's station to reach more ideal conditions, in hardware and talent, that two watts will do more for them than the "norm" considered for two watts...

Now if one was say a few feet or miles from one state border to another, that's plum near, gud when shot gunning... but if u want to use a rifle, u gotta be a whole lot closser and if u gonna use a lazer gun, u better be right on...

Nuttin made here on this planet is perfect, no measurement is perfect, etc... so if one is bound to be a perfectionist one is bound to come up short every time... Just how close we can live with "plum near" decides wheather Brian is standing on all these borders...

To see one color is to miss the rainbow...

joel

gonna rest now and see if I can get a couple of loops up today... Here we go Loop de Loop (an't that silly of me) kinda makes you smile and wanna laugh don't it??

?.. who-dat calling..

qrl.. be quick an make noise or i'm gonna use this freq :-)

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

2 element yagi on 40mtr

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Fri, 1 May 1998 07:44:44 -0700 (MST)

From: Bob Hightower <ki7mn@dancris.com>

To: bfollett@ditell.com

Cc: qrp-l@Lehigh.EDU

Subject: [9791] Re: Big rods, little rods @ Tracy

Message-ID: <199805011444.HAA10159@user2.dancris.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 08:25 AM 5/1/98 -0600, you wrote:

>Gang:

>Tracy, I hope you don't take your threat of never posting to this group
>again too seriously. I, for one, apologize that "we" flamed you beyond
>your limits of acceptability. Don't run away -- we need your expertise,
>and value your input. (We just aren't in the market for custom ferrite
>materials and their associated prices)
>
>73, Bob
>AB7ST
>

That needed saying, Bob. We all need to read the notes a little more
carefully, and think before we leap. If I offered a '78 Caddy for
\$10,000.00, without saying that it had been on blocks since it rolled out of
the dealer, and had been maintained religiously, and had only 125 miles on
it, I would be flamed. Why? I guess flaming is a new sport.

Maybe it would be best, if we don't know all the facts, that we just skip
over it and let it go. Caveat Emptor, 'ya know.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

Date: Fri, 1 May 1998 09:17:12 -0400
From: w4bws@juno.com (Donald E Sanders)
To: jdenison@morelr.com
Cc: qrp-1@Lehigh.EDU
Subject: [9792] Re: Beam cheating :-)
Message-ID: <19980501.092259.10670.0.w4bws@juno.com>

Joel,
QRP.Rule #1 Have Fun
QRP Rule #2 Any antenna you can get in the air is legal
QRP Rule #3 If your antenna is bigger and higher than mine,
may you have an S9+ noise level.
Don W4BWS

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 May 1998 08:59:48 -0600
From: wa5whn@juno.com
To: qrp-1@Lehigh.EDU
Cc: n5zgt@swcp.com, w5bi@flash.net, pharden@aoc.nrao.edu, ab5vc@juno.com, ki7mn@dancris.com
Subject: [9793] W5P SES/NM Star Party/QRPTTF/Fun
Message-ID: <19980501.085950.2734.0.wa5whn@juno.com>

qrp-1ers,

June 20 - 21, 1998, Special_Event_Station W5P will be on the air, in celebration of the NM Star Party, which takes place June 25th, in Rio Rancho, NM. W5P will be on the air from 1600 - 2400 UTC, June 20 - 21, both days, QRP & QRO, 2 - 40 meters {21.110 MHz, 7.110 MHz, plus near a few other QRP calling frequencies too.} , hunting Novice/Techs/Generals.

Yes, this is the weekend prior to the ARRL Field Day.

<http://www.arrl.org/>

W5P QSL information; send a SASE #10 envelope & QSL card sent to:

W5P
Jay Miller
P.O. Box 6552
Albuquerque, NM 87197-6552

The NM Star Party info is at the following URL;

<http://www2.astronomy.com/astro/News/Announcements/Celebrate.html>

W5P will be on the air June 20 - 21 {both days} from near the Rio Rancho, NM balloon park {grid square: DM65}. Don't confuse this site with the Albuquerque Balloon Fiesta Park

<http://www.aibf.org/>

Any updated information, about W5P, will be posted on N5ZGT's URL;

<http://www.swcp.com/~n5zgt/>

If you do plan to attend the NM Star Party, a hanta virus warning has been issued by the NM State Health Dept.. Don't tease or feed the mice, snakes & scorpions. This will probably be a banner year for plague carrying fleas too.

We had wanted to set up SES W5C {Chaco Canyon} during the summer solstice, June 15 -21, while at the Chaco Canyon campground, with overnight observations, but that would interfere with the NM Star Party this year. Look for W5C in '99, from the Chaco Canyon Campground.

Subject change: Pick up a copy of "NA5N's QRP Data Book". Lots of postings about component questions, most of the answers are already in Paul's {na5n@rt66.com} book.

QRPTTF '98 was more fun than we had planned. A suggestion; show up at the Ft. Tuthill Hamfest south of Flagstaff, AZ. July 24 - 26. Ft. Tuthill is where the unofficial NorCal QRPTTF '99 Theme & Basketball Team Committee will be meeting, late @ night, over a campfire, amongst the pine trees. Uncle Bob {KI7MN} has the details about the Ft. Tuthill Hamfest via his URL;

<http://www.dancris.com/~ki7mn/>

email Uncle Bob {ki7mn@dancris.com}, not me, for information about the QRP Camp Out at the Ft. Tuthill Hamfest. You don't want to miss this event. Basketballs are optional. ;)

A few of You had asked about the "Navajo/Denah Nation Code Talkers". The Museum is in Kayenta, AZ.. This was a group of Men, from the Navajo/Denah Nation, who had served in the US Marine Corps during WWII. The code was the actual Navajo/Denah language, and most of the messages were sent by USMC Combat Radiomen in the various US Marine Corps. squads. My Father_In_Law {WA5MBD} had proudly served with them.

72 ...Jay, WA5WHN DM65qd

Albuquerque, NM USA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 May 1998 10:59:54 EDT
From: K5BDZ <K5BDZ@aol.com>
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [9794] QRP-L suggestions
Message-ID: <8b08b0a3.3549e36b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I read on QRP-L that I'm not the only one who finds the QRP-L list massive.....and with limited time and interests, I do not read each and every message coming thru the reflector.

SUGGESTIONS TO ALL: If you want the attention of one certain person on QRP-L, LIST THE CALL OR NAME OF THAT PERSON IN THE "SUBJECT" BOX rather than some obscure subject that person may not recognize or be passively interested in reading.

I DO want to answer any and all (100%) of the messages directed to me personally. HOWEVER, I tend to delete the majority of the messages received thru QRP-L simply because they have no contributory substance. Sorry folks, that's my opinion...and resulting action!
That's my opinion...and suggestion. Hope it makes sense.
Bill, K5BDZ

Date: Fri, 1 May 1998 11:13:39 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9795] Fw: Test
Message-ID: <002a01bd7513\$ce0e1620\$b0d633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tnx Mark--My ISP was having some problems last night and this morning. I found out I could post but not receive. I received my "test" this morning. One thing I have found out about JUNO is I have to turn off HTML and post as

"normal text". If not JUNO prints a lot of trash.

Tnx agn--ken/ne0c

-----Original Message-----

From: Mark R Milburn <kq0i@juno.com>

To: ne0c@1st.net <ne0c@1st.net>

Date: Friday, May 01, 1998 8:21 AM

Subject: Re: Test

>

>On Thu, 30 Apr 1998 23:34:38 -0400 "Ken Burrough" <ne0c@1st.net> writes:

>>Test of e-mail.

>>

>>

>>

>Working great into Juno e-mail.

>

>73 Mark

>Des Moines

>

>

>-----
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com>

>Or call Juno at (800) 654-JUNO [654-5866]

>

>

Date: Fri, 01 May 1998 10:24:42 -0500

From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>

To: qrp-l@Lehigh.EDU

Subject: [9796] Re: QRP-L suggestions

Message-ID: <3549E93A.6095@bellsouth.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

K5BDZ wrote:

>

> I read on QRP-L that I'm not the only one who finds the QRP-L list

> massive.....and with limited time and interests, I do not read each and

> every message coming thru the reflector.

>

> SUGGESTIONS TO ALL: If you want the attention of one certain person on QRP-L,

> LIST THE CALL OR NAME OF THAT PERSON IN THE "SUBJECT" BOX

Sounds good to me I average around 250 msgs a day from various sources,
so this would really
help. Unless I am interested in the thread or recognize the subject
I pass 'em over until I read the priority mail.

73

Tim

--

```
*****
* KD5CKP
* Tim Billingsley           Grid# EM54bw
* QRP-L #1510              mailto:kd5ckp@bellsouth.net
* http://personal.mem.bellsouth.net/~kd5ckp/Index.htm
* "Everything looks impossible for the people who never try anything."
*   Dr Jean-Louis Etienne
*****
```

Date: Fri, 01 May 1998 08:38:49 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: K5BDZ@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9797] Re: QRP-L suggestions
Message-ID: <35498A19.98F6A2B6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I agree with Bill, but suggest that you address your message to that
person. You can get a complete list of subscribers so you know what the
e-mail addresses are.

I won't tell you how to do it. It's in the welcome message, or you can
find it on the QRP-L website. Go read the message. It will make life
simpler for all of us.

It makes no sense to send or respond to a message for a specific person
by addressing the entire list, unless the subject is of general
interest. Sure would cut down on the traffic, too.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Fri, 1 May 1998 08:37:00 -0700
From: "Kempf, Rick" <Rick.Kempf@alliedsignal.com>
To: Qrp-l <qrp-l@Lehigh.EDU>
Message-ID: <c=US%a=_%p=ALLIED%l=ALLIED/NAAER01/003D29F2@tmpcn541.wins.allied.com>

LISTSERV@LEHIGH.EDU | UNSUBSCRIBE QRP-L

Date: Fri, 1 May 1998 08:34:52 -0700
From: Conrad <radman@best.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [9799] S&S "ABT" OPTIONS... (the latest !)
Message-ID: <01BD74DC.04206160@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Fellow QRPers,

Following are the latest OPTIONS for the S&S "ABT":

1.) Two main displays will be available. It's ****not**** necessary to cast =
a vote for one or the other. Here's how it works: the standard "ABT" =
will ship with a chip-on-glass non-lighted LCD display. Dick sees the =
chip-on-glass version as being the best choice for rigs used for =
extensive field/portable work -- very low in power consumption and cost =
affective. If you want/need the most "elegant" display - you'll want to =
order the back-lighted amber LCD display option with approx 10 =
menu-selectable gradations of lighting intensity, "time-out," ON/OFF, =
all the goodies... (prices to be announced) So, rest easy... no need to =
vote for one or the other... both will be available - sorry for any =
confusion on this issue.

2.) 8-pin "MIC" connector on rear panel is an option. You'll need to =
specify at the time of order if you want the big 8-pin connector in your =
rig - and S&S will punch the sheet metal for you and provide you with =
the connector. (Naturally, you can use the standard front panel "HT" =
speaker-mic connector in any event.)=20

3.) SSB filtering: The "ABT" is "good-to-go" for SSB right out of the =
box. If you're a casual 10 meter SSB operator, the standard 3.0Khz =
ceramic filter will be fine for that sort of work. For more demanding =
SSB operations in crowded band conditions you'll want the optional =

Collins 2.5Khz mechanical filter.=20

4.) CW filtering: the Collins 500 Hz mechanical filter is standard -- =
nothing to add for CW operation.

Notes: S&S Engineering notes that their "options strategy" caters to =
serious CW ops who don't wish to buy unneeded SSB filtering. Thus, the =
optional 8-pin "MIC" jack and SSB Filter are available as options. For =
any additional questions/concerns contact S&S Engineering at =
n3sad@aol.com

WOW !! I just received a FAX drawing of the "ABT" front panel - nicely =
done!

Standard disclaimers, naturally.=20

72 - Conrad Weiss - NN6CW

Date: Fri, 1 May 1998 08:28:35 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <psyodell@mail.provide.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [9800] Re: power measurement
Message-ID: <1d4a01bd7515\$cefd270\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jerry et al --

Accurate power measurement can be very difficult for RF, and not too many
people need to know the power to four decimal places.

The best accuracy is usually achieved with calorimetry, where the RF is
converted to heat and the heat gain in a mass is calculated from
measurements of temperature. There was a good article in QST a while back
that you should dig out and read. Sorry, I can't remember the issue -- do a
search to find it. It can be a lot of fun to play with.

I suspect that most of the power meters you have tested were designed for
larger levels than 4 watts. Since these were probably all based on diode
detectors, the accuracy goes to zilch at the low end of the measurement
range. Lab grade power meters are generally designed to calibrate out the

low-end non-linearity and temperature sensitivity problems, and will do a better job, but still not perfect.

NIST (previously NBS) can provide a wealth of information -- perhaps too much information! Highly recommended for the terminally inquisitive.

How far apart are your two meters, when one measures 3 watts, and the other 4? The error is 1.24938736608 dB. :-) What's a dB among friends?

My advice is to believe the 3 watt meter so you can put up a 2.2 dB gain antenna and still be QRP legal. :-)

Mike K1MG
home of the FoxCatcher (tm) antenna and WM-2

>Does anyone know how one measures power _exactly_. Well, as
>exactly as can be done by human beings....
>...Perhaps I
>should consult the Bureau of Standards publications.
>...
>In all of my years of ham radio, I must have had ten power
>meters, and they all read different things. Wouldn't it be
>nice to have something that really was accurate to four
>significant figures?
>
>73 Jerry ...

Date: Fri, 1 May 1998 10:45:06 -0600
From: "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
To: qrp-L@Lehigh.EDU, KZ5Y1@eatel.net, K5PV@cajunnet.com
Subject: [9801] Level Playing Field....
Message-ID: <4A725B5DE6@nich-nsunet.nich.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Contests are not "level playing fields".....

Here's the formula I started working on to help "level off" the field:

QSOs X power out X type of rig X type of ant X code speed X rarity of

location X misc. = TOTAL POINTS

Below listed multipliers for different items which would be substituted in formula above:

Power out 5 watts = X.1 multiplier.....1 watt would be X1 mult.
Type rig = comercial built is X.3 vs. Homebrew X1
Ant= Quad is .2 mult. vs dipole X1 mult. vs. coathanger X2
Code speed= >20wpm X.3 vs.<10 X1
Rare location= ????? P40? X.1 vs. WA5 in LA. X1
Misc = this could be flexible. Things that could be added here:
computer or logger assisted, modern conviences of home or in
wilderness, wife delivering coffee or get your own, vfo or xtal
controlled, one band only or all bands, and many other
variables... From 1-10 avg misc would be 5.....

Above is just a few things which would begin to level off the playing field....and all these figures need to be looked at more closely...

My setup would be: Quad, Commercial Rig, 5 Watts, 10 wpm?, Not RARE at all, average misc. (wife does not bring coffee)... =

AT 100 QSOs = $100 \times .2 \times .3 \times .1 \times 1 \times 1 \times 5 = 30$ points

Call it the "QRP Anything Goes Contest"....

Just a thought.....73 de WA50JI Evert

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4993
Snail - P.O. Box 2168 Thibodaux, La. 70310
Home - 117 Sawmill Rd., Thibodaux, La. 70301

Date: Fri, 1 May 1998 12:07:46 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@Lehigh.EDU
Subject: [9802] Re: Dan's Small Parts
Message-ID: <v03102800b16fb0ac275b@[152.15.144.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All I can say is "Dan's the man!". I put my check in the mail last Thursday, April 23 and I had my entire order in my hand yesterday, April 30. Considering that all mail on campus has to be sorted by department and that adds an extra day, that's 6 days from mailbox to my desk.

What more can you ask for?

72/73,

Rick kf4ar usual disclaimers apply here.

Date: Fri, 1 May 1998 11:05:26 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [9803] ACCURACY:LOG MGRS & CONTESTS
Message-ID: <000788BB.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

A question for those brave folks who do log checks for contests, QSL management, etc.

Two logs come in, all QSO info matches up equally (frequency, date of Q, calls OK) except one logged the q at 1839z and one at 1840z.

Is this not a valid QSO in any one's mind? I mean, one of the two station's clock's may have been off by a minute (or two), but how can it possibly be determined which? Or, maybe they are both off.

If you can tell I'm a bit miffed, I am! I had a card returned for this very reason.

Is this being to "anal" for our own good? I can see if the wrong date, freq, call was listed, but come

on!

Sorry for the rant. I'll go hide now. Thanks.

73 de Dave NR3E
QRP-L #25
nr Dallas, TX

Date: Fri, 01 May 1998 12:07:46 EDT
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@Lehigh.EDU
Subject: [9804] Re: QRP-L suggestions
Message-ID: <19980501.160554.12087.3.KQ0I@juno.com>

On Fri, 01 May 1998 10:24:42 -0500 "Tim, KD5CKP" <kd5ckp@bellsouth.net>
writes:

>K5BDZ wrote:

>>

>> I read on QRP-L that I'm not the only one who finds the QRP-L list
>> massive.....and with limited time and interests, I do not read
>each and

>> every message coming thru the reflector.

>>

>> SUGGESTIONS TO ALL: If you want the attention of one certain person
>on QRP-L,

>> LIST THE CALL OR NAME OF THAT PERSON IN THE "SUBJECT" BOX

>

>

>Sounds good to me I average around 250 msgs a day from various
>sources,

>so this would really

>help. Unless I am interested in the thread or recognize the subject

>I pass 'em over until I read the priority mail.

>

>73

>

>Tim

>--

> *****

> * KD5CKP

> * Tim Billingsley Grid# EM54bw

> * QRP-L #1510 mailto:kd5ckp@bellsouth.net

> * <http://personal.mem.bellsouth.net/~kd5ckp/Index.htm>

> * "Everything looks impossible for the people who never try

>anything."

> * Dr Jean-Louis Etienne

> *****
>

Another really good idea would be to think before you mail....a good many of the messages are not helpful to the group, but are replies to an individual. Learn how to reply to the sender if you have some personal comments, don't flood the reflector with irrelevant stuff. Just 'cuz you saw it on the reflector doesn't mean it has to be replied to through the reflector.

72 Mark

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 01 May 1998 11:19:34 -0500
From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [9805] [QRP-L] QRP-L suggestions
Message-ID: <3549F615.61E9@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another idea that might help weed it out some would be an identifier tag in the subject line like the QTH.NET reflectors use. ie..

Subject: [HomeBrew] 29 mhz duplexers from coax???

Just a thought for the administrators. It also helps keep msgs grouped by point of origin as well as subject.

73

Tim

--

* KD5CKP
* Tim Billingsley Grid# EM54bw
* QRP-L #1510 mailto:kd5ckp@bellsouth.net
* <http://personal.mem.bellsouth.net/~kd5ckp/Index.htm>

* "Everything looks impossible for the people who never try anything."
* Dr Jean-Louis Etienne

Date: Fri, 01 May 1998 10:18:22 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9806] Thanks!
Message-ID: <3549F5CE.12D@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPer's!

Thanks for the response to my request for how to do the sig. file. Will try it this weekend and see what happens. Appreciate the help from this wonderful group..72 Tom WB5QYT

Date: Fri, 1 May 1998 12:40:58 EDT
From: PDouglas12 <PDouglas12@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9807] Subject lines needed
Message-ID: <47f99fb3.3549fb1b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang,

Perhaps it is time to remind folks that it is courteous to use descriptive subject lines. For example, many of our fellow digest users just hit the reply button, and all we see is something like: "RE: qrp-l digest #XXX" in the subject line. This means if we don't want to risk missing something important, we don't have any choice but to open and read all of those messages, even if we may find it is a comment on one of the subject lines we would otherwise have routinely deleted. Also, gang, if you are a subscriber to an internet provider which is the source of some of those awful adult site ads, a QRP type subject line will keep folks from deleting your message before it is opened.

I am not the resident online cop. Please consider this a request, and don't

flame me. I think this list (and its people) is one of the best things to happen to ham radio since the Fleming Valve.

Preston Douglas WJ2V

Date: Fri, 1 May 1998 13:07:15 EDT
From: MNHopkins <MNHopkins@aol.com>
To: Boatanchors@theporch.com
Cc: heath@listserv.tempe.gov, qrp-1@Lehigh.EDU
Subject: [9808] Poison Nuvistors from SMIRK?
Message-ID: <61fd8250.354a0145@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Stopping by the PO to see Eudora Welty and mail off some signal generators, I found a mystery package in my box -- five Nuvistors, nine sockets and some sundries with no return address and a San Antonio postmark.

Could not have been Davy Crockett, I reasoned, and then it hit me. They were some sort of poison pills from SMIRK (I am #3002) sent as punishment for my joining the new 6 Meter Club (I am #38).

But maybe not.

Perhaps some kind soul knows my passion for receive converters and that the Nuvistor, arriving about 1960, was part of the last gasp of v. tubes. The still useful Ameco CN-XXX series and the upscale Tecraft Criterion converters used them as did a proliferation of preamps. They replaced the 6BQ7, king of Cascode, which had in turn dethroned the 6AK5 in VHF signal boosting. Later 6M AM Transceivers used Nuvistors, too. The Polycoms and the Lafayette HA-460 are examples that occurred to me as I stood there among the postal workers, a posture that should cause one to be vigilant in itself. Even the Heath SB-110 used these little metal triodes, and if I were not tea total I would drink a toast both to them and to whomever sent them.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 1 May 1998 13:20:17 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [9809] Quickie NN3SI Report
Message-ID: <Pine.LNX.3.93.980501130352.767I-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As posted, NF3I and myself operated the Smithsonian Institute station yesterday for about four hours. Not a lot of contacts, but what a blast. We jumped in on 20 CW with OMNI VI and log periodic pointed at Europe, got a few and moved on. Tried 40, 30, 15, just hit and miss, and very much fun. (My first time to play with a rotor:)

I'll let Scott fill in the real details, but two things stand out in my mind from the trip. First, our hosts (both OT's) were impressed that we wanted to do CW (and that one of us was good at it, your guess which one:) and that we built a lot of our own toys. The other standout, was that while we were at lunch, they referred to us as "real" hams. Sure made this new kid feel good about his hobby, obsession, phsycois :) I don't want to start any kind of war about "them vs. us", but just point out that it extremely nice to have people you respect for ability, talent whatever, notice you.

I guess I just fell into the right "sect" of the hobby from the beginning, I don't see CW and homebrewing being as ill and dying as a lot of the hams I talk to. Then again, I'm surrounded by both of those facets of the hobby on this list daily. So I'm just wondering, are we really that few? Or that invisible? Not from where I sit!

And FWIW, take a day off work and go play radio, very theraputic! Now how can I bail out of work early today.... Is 35 to young to retire? <grin>

cu es 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Fri, 1 May 1998 09:46:37 -0700
From: Kent Torell <torell@sicom.com>

To: qrp-1@Lehigh.EDU
 Subject: [9810] SOLAR 10 day forecast
 Message-ID: <v04003a04b16fac1acd95@[192.91.202.41]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Here are excerpts from the 10 day forecast. Active regions of the sun are rotating back into view, so we should see more flux, better propagation, and, more flares! So, more unpredictable storming! :-)

SOLAR AND GEOPHYSICAL ACTIVITY FORECASTS AT A GLANCE

		10.7 cm	HF Propagation				+/- CON	Mag	Aurora		
		SolrFlx	LO	MI	HI	PO	SWF %MUF	%K	Ap	LO	MI HI
		---	-----	-----	-----	-----	-----	-----	-----	-----	-----
May	01	106	VG	G	F	F	50 -05	70	3 15	NV	LO MO
	02	108	G	F	VP	VP	50 -25	60	6 30	NV	MO HI
	03	110	G	F	P	P	50 -15	60	4 18	NV	LO MO
	04	111	VG	G	P	F	50 -05	65	3 12	NV	NV MO
	05	112	VG	G	F	F	50 00	65	2 10	NV	NV LO
	06	112	VG	G	F	F	50 00	60	2 08	NV	NV LO
	07	114	VG	G	F	F	55 00	55	2 08	NV	NV LO
	08	120	VG	VG	F	F	55 +05	55	2 10	NV	NV LO
	09	122	VG	VG	F	F	55 +05	55	2 10	NV	NV LO
	10	121	VG	VG	F	F	55 +10	55	2 08	NV	NV LO

Explanatory Notes for the Above Table

This table shows the predictions for most of the critical parameters, in terse format. First column is the date. Second column is the predicted solar flux for the next 10 days. Third through sixth columns represent predicted HF radio propagation conditions for the LOw, MIddle, HIGh, and POlar latitude paths, where BO represents BlackOut conditions (essentially useless propagation), VP represents Very Poor conditions, P represents Poor conditions, F means Fair conditions, G is Good (normal) propagation, and VG is Very Good conditions. The seventh column shows the probability of daylight circuits being affected by flare-induced short wave fadeouts. The eighth column shows the predicted global MUF level as a percentage above or below expected normal levels (ex. +10 means the MUF on that date could be 10 percent ABOVE-NORMAL, whereas a 00 means the MUF should remain at normal levels). The ninth column is the confidence that the forecasts for the given date are accurate (100 means the forecasts will be 100 percent accurate, and 50 means there is a 50 percent chance the forecast will be accurate). The tenth column shows the predicted peak planetary geomagnetic K-index for the given day. The eleventh column shows the predicted 24-hour planetary geomagnetic A-index.

PEAK PLANETARY 10-DAY GEOMAGNETIC ACTIVITY OUTLOOK (01 MAY - 10 MAY)

EXTREMELY SEVERE												HIGH
VERY SEVERE STORM												HIGH
SEVERE STORM												MODERATE
MAJOR STORM		*										LOW - MOD.
MINOR STORM		**	*									LOW
VERY ACTIVE		***	**									NONE
ACTIVE	**	***	***	*								NONE
UNSETTLED	***	***	***	***	**	**	**	***	***	**		NONE
QUIET	***	***	***	***	***	***	***	***	***	***		NONE
VERY QUIET	***	***	***	***	***	***	***	***	***	***		NONE

Geomagnetic Field	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		Anomaly
Conditions	Given in 8-hour UT intervals											Intensity

CONFIDENCE LEVEL: 60%

DISCUSSION:

The anticipated impact of a fairly large coronal mass ejection on or near 02 May that was associated with the major class M6/3B tenflare of 29 April is expected to dominate the first half of the forecast period. Periods of minor to major storming could accompany this disturbance. The rest of the forecast period will depend on the behaviour of active region 8210 and developing active Region 8214. Additional coronal mass ejections are very possible over the next week, which could alter the accuracy of this forecast.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

Date: Fri, 1 May 1998 09:31:57 -0700
From: Kent Torell <torell@sicom.com>
To: n0tu@webaccess.net
Cc: qrp-1@Lehigh.EDU
Subject: [9811] Re: End fed Zepp vrs EFHW?
Message-ID: <v04003a02b16fa70a9d12@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I'm curious why an end fed Zepp antenna works without a counterpoise.

A 'counterpoise', the way we typically use it with an end-fed antenna, functions as a low impedance point for the antenna tuner. An open 1/4 wavelength wire looks like low impedance, which the antenna tuner works against to feed the high impedance antenna. There is current flowing in the counterpoise, and it 'can' be made part of the antenna radiating system, but we typically toss on the ground so it doesn't inadvertently screw up the expected antenna pattern.

An end fed zepp antenna works like a J pole. The transmission line is an odd multiple of 1/4 wavelengths, which provides the low feed impedance to high antenna impedance transformation. There are heuristic arguments that say a zepp doesn't work, etc., but the antenna works fine.

So, L.B., does the feedline radiate? My intuition sez both yes and no ...

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

Date: Fri, 01 May 1998 09:22:41 -0700
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [9812] Power measurement with a squigglescope
Message-ID: <3549F6D1.6494@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Regarding power measurement at qrp levels, I have used a plain old 50 ohm terminator plugged into my squigglescope, which has it's own calibrator, which is more accurate than I ever need. Assuming the harmonic content of the signal you are measuring is better than 10 dB or so, and most rigs are better than 30 dB, you can calculate power quite accurately. Not good enough for NIST, but hey, if you want to see how much flame/smoke is coming out of that qrp rig, just run a coax from it over to the oscilloscope with a 50 ohm terminator (appropriate for the power level you are measuring), look at the sine wave, and do the $(V^2)/R$ calculation of the RMS reading you get. Works for me.

Jim W7LS

Date: Fri, 1 May 1998 13:31:50 EDT

From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9813] SPECIAL EVENT STATION W6P
Message-ID: <1aebf314.354a0707@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hi gang -

W6P (Cops Contest Club) will be on the air from 5/10 - 5/17 honoring all of our peace officers killed in the line of duty. Actually this particular week is National Peace Officers Week and the Memorial service conducted each year at the National Peace Officers Memorial in Washington, D.C. is in honor of those that lost their lives during 1997. I know this isn't exactly QRP, but it could be - depends on how you wish to participate. Details are given on page 75 of the May issue of CQ magazine. W6P will send you a very nice certificate for a confirmed QSO. I hope you all try and score one for your shack - just a small way of saying thanks for all they have given.

Details:

May 10 0000Z to May 17 2400Z
Freqs: 3890, 7290, 14290, 21390, 28490

They ask that you send them a 9"x12" envelope with 78 cents postage to:

K6BZ
P.O. Box 252,
Igo, CA 96047

Thanks for the bandwidth -

Go! Bless,

73's de Denny

Denny / AD6EZ
PROMISE KEEPER
FISTS # 4570 / QRP-L # 1359
ARCI #9637 10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W
Grid: DM04BK
WEB PAGE: <http://members.aol.com/dennismo>

Date: Fri, 01 May 1998 17:37:53 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9814] Re: Beam cheating :-)
Message-ID: <354a07cb.119527322@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 1 May 1998 09:17:12 -0400, w4bws@juno.com (Donald E Sanders) =
wrote:

>Joel,
>QRP.Rule #1 Have Fun
>QRP Rule #2 Any antenna you can get in the air is legal
>QRP Rule #3 If your antenna is bigger and higher than mine,=20
> may you have an S9+ noise level.

Maybe we need to understand that *passive* amplification (as denoted by
Effective Radiated Power) does not disqualify a QRP op, but *active*
amplification (through the application of additional amps/volts into the =
RF
mix) would indeed disqualify a QRP op ...

Perhaps the passive or active amplification is the issue ...

Besides, if the *other* guy uses a beam/preamp, does that mean that *I'm*=
not
QRP for that contact? (grin)

--
72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Fri, 1 May 1998 13:33:05 -0400
From: "Vincent Ferme" <vferme@sprint.ca>

To: <K5BDZ@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9815] Re: QRP-L suggestions
Message-ID: <00ad01bd7527\$33a9eaf0\$318a94d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bill,

Please don't take this as a criticism, your point is valid.

May I suggest that in this case a direct e-mail is more appropriate.

73/72 de Vince, VE3VFN.

-----Original Message-----

From: K5BDZ <K5BDZ@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, May 01, 1998 11:05 AM
Subject: QRP-L suggestions

>SUGGESTIONS TO ALL: If you want the attention of one certain person on
QRP-L,
>LIST THE CALL OR NAME OF THAT PERSON IN THE "SUBJECT" BOX rather than some
>obscure subject that person may not recognize or be passively interested in
>reading.

Date: Fri, 01 May 1998 13:10 -0700 (PDT)
From: eakwik@mail.hac.com
To: qrp-l@Lehigh.EDU
Subject: [9816] more border.
Message-ID: <0ESA0040YH2P22@mail.hac.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

I had the same question.

Ed Kwik
KC8JIE qrp-l# 1444

----- Forward Header -----

Subject: more border.
Author: Bcieslak@ra.rockwell.com at mime
Date: 5/1/98 6:45 AM

If I went to the shore line of lake michigan could I say I was on the
border of wi - mi -il - in.

Brian AE9K

Date: Fri, 1 May 1998 10:47:52 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Brad Mugleston <bmug@gwl.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9817] Re: Computer Help
Message-ID: <Pine.LNX.3.96.980501104517.2346C-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 May 1998, Brad Mugleston wrote:

> I know this isn't QRP related but stretching it, it could be, I get a lot
> of radio related attachments. Starting about a week ago all my email
> attachments look like this:
>
> {EMBED Unknown}

This sounds like Microsoft's Exchange registry settings got corrupted.
You most likely will need to un-install and then re-install Exchange
client, so it will re-register its MIME types in the system registry.

(Folks, if you ever decide to write an operating system, DO NOT EVER
choose to place all program's configuration settings into a single,
system-wide file, like Windows does. Otherwise, you'll exhibit these very
same problems, since it's SO easy to overwrite your own settings, and
somebody else's too! :-))

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Fri, 01 May 1998 10:59:20 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: kreinbd@ccgate.dl.nec.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9818] Re: ACCURACY:LOG MGRS & CONTESTS
Message-ID: <3549AB08.48698E1F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No! Don't apologize. The contest manager/log checker who did this is completely wrong.

If both parties were using digital clocks, the difference could have been as little as a second or two. In any case, show me two hams (not using a wwvb setup) with exactly matching clocks who log at exactly the same time, and we'll petition for a miracle.

Lodge a protest, please. You are entitled to do so.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Fri, 1 May 1998 14:02:57 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9819] Longer NN3SI Report
Message-ID: <Pine.LNX.3.95.980501135128.19662G-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Chris and I showed up on different sides of the building..."I thought that WAS Constitution Avenue"...

Anyway, the shack consists of a bunch of old stuff, along with a TM-733 dualband FM rig, a TM-711A 2m allmode, a TS-450S, and a (drool) an OMNI VI (not the plus version). Antennas are a 20-10 meter log periodic array as well as an R7 vertical and dipoles for 40 & 80 meters.

For those of you who don't know, "the mall" used to be, well, a swamp. It's pretty low compared to the surrounding terrain. At any rate, the exhibit is about 12'x10' and is stocked VERTICALLY (two huge metal racks).

Antennas are tuned and switched by a pair of Drake MN-2000s and a big ol' Drake ant switch. Two HF stations can be on-air at one time.

We did manage a few 15, 20, and 40m QSOs, and to be honest, I called CQ a LOT, at all power levels, with poor response. Sure, middle of the day, but pretty blah nonetheless. Howeverm when Chris made a CQ in the middle of the 40m novice band, he had no fewer than three stations calling!

QRP: worked F5IN, with him calling CQ, at 500 mW with a 549 report.

For the locals, we handed out a few Qs on a few local repeaters.

One of the neatest things we experienced were the people who were surprised that we were REAL humans, and not just animatronic robots like in all the other exhibits.

Carl, W3CL, was the "duty officer" and we all had a very good time.

If you're in DC and wish to operate the station, it's open from 10-3 with advance warning to:

Elliot Sivowitch, K3RJA, who can be reached at 202-357-1840.

THE neatest thing, however:

I pulled out my photos from the NSS Transmitting Station tour.

Me: "Here they are, just got 'em back."

Chris: "Nice shots."

Carl: "Ahhh, NSS. Hey, that's me!"

Strangely, Carl, W3CL, managed to get prominently in one of my photos by having attended the tour at the same time I did.

Chris: "Hey, look who's through that tiny window!"

It was Carl again, as seen through a 12" x 12" window at the back of a small room which contained cooling equipment for the transmitter.

VERY strange, indeed, as we'd never even met each other before yesterday.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 1 May 98 13:17:43 CDT
From: QLF%mimi@magic.itg.ti.com
To: QRP-L@Lehigh.EDU
Subject: [9820] STRAIGHT KEY GIVEAWAY
Message-ID: <9805011817.AA10407@itg.ti.com>

From: Brad Bradfield QLF

Subj: STRAIGHT KEY GIVEAWAY

-***** ORIGINAL MSG # 01610585 FOLLOWS *****-

To: MSG to Internet M2I

From: Brad Bradfield QLF

Subj: FIRST ANNUAL STRAIGHT KEY GIVE AWAY!!

Hello QRP'ers and assorted other CW freaks everywhere - -

I had an interesting e-mail conversation a couple weeks ago with someone from the qrp-l, and I comiserated (sp?) on the days when someone would almost always have an old straight key laying around that they would be glad to gove to some budding new ham.

Well, I got to looking at just what I had laying around that I didn't need (I collect the things), and I am hereby announcing the First Annual (Well, Maybe More Like Occasional) Brad Bradfield Straight Key Giveaway, hereinafter known as the FAWMMLOBBBSKG.

Here's the deal. I have in my hot little hands one straight key that I want to give away. Now before y'all start sending me e-mail, read the rules to follow. Everyone's not eligible for this.

RULES:

- 1) The key giveaway is open to the following individuals:
 - a) A ham licensed for less than one year
 - b) Under 21 years of age
- 2) You must need this key to help get you on the air
- 3) You must agree that when you no longer need this key (when you upgrade to a keyer, etc) you will pass it on to another new ham who needs it

HOW TO ENTER:

The first e-mail entry that I receive AFTER 12:00 CDT (1700Z), 3 May 1998,

will receive the key. I will announce the winner via the qrp-l and direct e-mail sometime the morning of Monday, 4 May.

Since I have no real way of checking how long you've been licensed, how old you are, and how much you "need" the key, this is on the honor system guys and gals. It's designed to help someone get on the air who really wants to. Maybe I can start something here. How many of you other old timers (did I really call myself that??) out there have a good useable key that you could give to a newcomer? Come on guys. Dig 'em out and do it!

72's es 73's,

Brad, WB0CGH

qlf@msg.ti.com

Date: Fri, 1 May 1998 12:15:45 -0600
From: Brad Mugleston <bmug@gwl.com>
To: Brad Mugleston <bmug@gwl.com>, "'KC5TJA'" <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9821] RE: Computer Help
Message-ID: <01BD74FA.DF047820@pps-pc10.gwl.com>

Yuck!

From: KC5TJA[SMTP:kc5tja@topaz.axisinternet.com]
Sent: Friday, May 01, 1998 4:48 AM
To: Brad Mugleston
Cc: Low Power Amateur Radio Discussion
Subject: Re: Computer Help

On Fri, 1 May 1998, Brad Mugleston wrote:

> I know this isn't QRP related but stretching it, it could be, I get a lot
> of radio related attachments. Starting about a week ago all my email
> attachments look like this:
>
> {EMBED Unknown}

This sounds like Microsoft's Exchange registry settings got corrupted. You most likely will need to un-install and then re-install Exchange client, so it will re-register its MIME types in the system registry.

(Folks, if you ever decide to write an operating system, DO NOT EVER

choose to place all program's configuration settings into a single, system-wide file, like Windows does. Otherwise, you'll exhibit these very same problems, since it's SO easy to overwrite your own settings, and somebody else's too! :-))

```
=====
KC5TJA/6      |                -| TEAM DOLPHIN |-
DM13          |                Samuel A. Falvo II
QRP-L #1447   |                http://www.dolphin.openprojects.net
=====
```

Date: Fri, 01 May 1998 18:23:39 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9822] Postponing.
Message-ID: <354A132B.38BF@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, I've got a little too much going on right now.

The qrp-l list is awesome and rewarding but this fella needs to postpone. I'll be reading the archives when time allows.

<http://listserv.lehigh.edu/lists/Archives/qrp-l/>

72 -Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 1 May 1998 11:29:53 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-l@Lehigh.EDU
Subject: [9823] Help with mount air cap on the NW80 kit
Message-ID: <E0yVKZG-00020L-00@slip-3.slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Hi,

I am building the NW80/40m which I ordered from Dan's Small Parts a while back when he had it on sale. I completed the VFO section, but have quite a bit of trouble figuring how to mount the air cap. The instruction said that I should drill 2 4-40 size holes, mount the body of the cap onto the board, make sure that the cap body is isolated from ground. Then solder a wire from one of the terminals (stater???) to a solder pad on the PC board. There are 4 of them, 2 on each side of the cap. From the drawing, looking at the cap with the tuning knob toward me, I can see that it is one of the terminal on the right side. Which one is it?

Also by looking at the schematic, I see that the cap was supposed to go to ground at one end and connect parallel with a trim cap (C36) at the other. How can this be accomplished if the body of the air cap is isolated from ground and only one wire is connected to the circuit?

Could anyone who already built this kit clarify this for me?

Tnx es 72 de Dan, ke6d

```
=====
Danh Le
Amateur Radio Station KE6D   QRP-L # 1212   NORCAL # 2414
dle@san-jose.ate.slb.com     (work)
dql@slip.net                  (play)
ke6d@w6yx.ampr.org           (packet)
=====
```

Date: Fri, 1 May 1998 14:35:36 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [9824] SG 2020 ---- that letter again
Message-ID: <199805011436_MC2-3BA6-6BBE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

If the letter from SGC is quoted again, I'll be able to recite it to-night whilst asleep, and the XYL won't like it chaps!

PLUS, think before you quote, today's digest was at 197 messages, and took forever to download. As usual, only about two thirds or less was original material, the rest was the four hundred and fifty-sixth re-write of a twelve bar blues in musical terms.

Nils, does the badger prefer toast or muffins with his marmalade pie?

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Date: Fri, 01 May 1998 11:49:43 -0400
From: jim <kw3u@warwick.net>
To: crucis@sky.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9825] Re: What is QSK?
Message-ID: <3549EF17.6749@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike - W0TMW wrote:

>
> Here's a question I've been wondering about ever since I operated some
> true QRP rigs in QRPTTF. My rig at the moment is a Kenwood TS-570.
> When I turn the VOX delay off to "full break-in", I can truly hear
> between the dits when I have fast AGC on.
>
> I was surprised when operating some of the popular QSK rigs, that the
> receiver was turned off until some time after the last key-down, more
> like semi-breakin on my old TS-520! I heard a number of list members

> complaint that my TS-570 uses relays for CW rather than solid state
> switching. Frankly, I can't hear any relays.

OH BOY!!! hate to do this, and there's enuff msg's
floating around already that aren't too qrp related, so please
qsl direct-no sase hi....

The deal is I am gonna purchase a ft920 or icom756 within
a week, also was considering the ts570D until I also saw the
post about the t/r relay and visions of my old hw-8 clacking away
came back....so Please send me some feedback on this and also
any input on the ft920 or icom756(ya gotta buy this soon as the
price is going up 3 or 4 hundred real soon! don't know why.)

P.S. as long as I am tying up bandwidth here is a
question.....Most of my qso's involve age exchanges along
with rig,wx,ant,etc.....I recently worked a 92 yr old in S.louis
with a FB fist..anyone keeping records on oldest brasspounder?

72 JIM KW3U

Date: Fri, 1 May 1998 15:13:06 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [9826] Old es Young Brasspounders
Message-ID: <Pine.LNX.3.93.980501150422.767N-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 May 1998, jim wrote:

> with rig,wx,ant,etc.....I recently worked a 92 yr old in S.louis
> with a FB fist..anyone keeping records on oldest brasspounder?

No records here:) But this past September I worked a 9 yr old with a FB
fist. I caught myself waiting for second number in "AGE HR IS 9..", And
I'm saying to myself, Ninety... OK, Ninety what! It's one of my favorite
QSL cards. Just think about a 3rd grader filling out a QSL card, #2
pencil, point is a bit run down, should it be cursive letters or printed,
oops! erase... erase... erase... Definitely a keeper!

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Fri, 01 May 1998 14:19:22
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [9827] New project in the works..wide range sig gen
Message-ID: <3.0.3.16.19980501141922.222fe848@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

Thought I'd give you a "heads up" on a new project I've been poking at in my "spare" time.

It's a wide range signal generator, with nearly continuous tuning from 400 KHz to 300 MHz! It's PLL based, uP controlled with LCD frequency display, knob tuned and selectable tuning steps.

What I did was take a 100 to 200 MHz VCO, mixed it with a 100 MHz TTL clock oscillator in a SBL-1 mixer. The mixer output is low passed to give a 0 to 100 MHz signal and feed to a MC14170-1 PLL chip, under uP control. A direct output from the VCO gives the 100 to 200 MHz output and the mixer is also high passed to give a 200 to 300 MHz output.

In practice, the lowest it can go is 400 KHz, so the bands actually tune 400 KHz to 100 MHz, 100.4 MHz to 200 MHz and 200.4 to 300 MHz. I can do 1 KHz steps to up to 64 MHz then need to switch to 5 KHz steps for 64 to 100 MHz. That step range, of course, is translated to the higher band outputs.

I had to square up the signal going to the PLL to get a stable lock at frequencies under 2 MHz, so there is also a TTL output available, but just on the low band frequencies.

The next step is to build a relay-less switching circuit to combine the three outputs into one jack and add an AGC circuit to level out the signal over the whole frequency range. The AGC circuit will also be a coarse variable attenuator.

Finally, I'm thinking of adding a 10.7 MHz offset and FM receiver circuit with signal strength meter. As there will not be any input filters on the receiver, it won't be suitable for off the air reception, but is used to listen for local signals in a rig you might be trouble shooting.

Although designed primarily as a piece of test gear, I have put provisions for FM modulation of the VCO, so with some external filters, this could be the bases of a 10, 6, 2 and 3/4 meter FM rig. (In that case I might have to add in up 6 and down 6 offsets)

As is always the case, if there is enough interest in a piece of gear like this, it could become a kit. It would be a relatively expensive kit, in mid to high 100 dollar range. There is still a lot of work left to finish up the project. Let me know if you'd be interested in this device, so I can get an idea of much effort to put into making it reproducible.

Thanks for the BW,

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 1 May 1998 12:09:26 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <w7ls@blarg.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9828] Re: Power measurement with a squigglescope
Message-ID: <1e1f01bd7534\$a94236c0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim --

You revealed my secret!

Mike K1MG

>Hi. Regarding power measurement at qrp levels, I have used a plain old 50
>ohm terminator plugged into my squigglescope, which has it's own
>calibrator, which is more accurate than I ever need....

Date: Fri, 01 May 1998 15:16:12 -0400 (EDT)
From: n4js@pobox.com
To: Bcieslak@ra.rockwell.com

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9829] RE: more border.
Message-ID: <XFMail.980501151612.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 01-May-98 Bcieslak@ra.rockwell.com typed:

>If I went to the shore line of lake michigan could I say I was on the
>border of wi - mi -il - in.
>
>Brian AE9K

Look, QRPTTF is OVER. This had been beaten to death. I imagine poor Joe is
sorry he ever brought it up. In other words, if you are on the shore of Lake
Michigan...JUMP IN!!!

Sent at 15:16:12 on 01-May-98

John L. Sielke n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Fri, 1 May 98 15:13:27 PDT
From: gregoire@endor.com
To: w6toy@erols.com, Low power amateur radio discussion <qrp-l@Lehigh.EDU>
Subject: [9830] RE: Level ??????????????????????????????????????
Message-ID: <Chameleon.980501151741.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

BRAVO!!!!!!!!!!!!!! Bruce,

I could not have said it better.

There were no whining liberal crybabies in the cave days.

de AA1IK, Time the accursed enemy of man,
cursed by youth for going to slow
Ernie Gregoire and by the old for going to fast.

R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741 Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

05/01/98 15:13:27

Date: Fri, 1 May 1998 20:40:51 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [9831] SPICE Info and Colpitts
Message-ID: <199805011940.UAA01450@chuck.dallas.sgi.com>

Gang,

On the topic of SPICE and models.

Here are the two sites that I consider the most important. IMHO.
Do not pass this note up without saving it if you need it for later.
I won't be keeping this online as I am out of disk space. :-)
Just when you think 9GB is enough.....

1. <http://www.mpce.mq.edu.au/elec/cnerf/spice/>

This site has links to the sources and some binaries for
SPICE3F4. Also a PostScript version of the Users Manual.
Should be able to get the LINUX, UNIX, and other versions here.
This may require some work on the part of the user to get them
installed and up and running. Nothing is really for free. :-)

2. <http://www.fairchildsemi.com/models/Discretes/index.html>

This site is the best site that I have found for models.

Some listed below that I have personally gone out and obtained for some simulations such as the Colpitts Osc. appended at the end of this posting.

1N3064 1N4009 1N914 1N914A 1N914B 1N916 1N916A 1N916B

2N2608

2N3370 2N3390 2N3391A 2N3392 2N3393

2N3415 2N3416 2N3417 2N3458 2N3459

2N3684 2N3685 2N3686 2N3687

2N3702 2N3703 2N3859A 2N3903 2N3904 2N3905 2N3906

2N3821 2N3822 2N3823 2N3824

2N3921 2N3922 2N3954 2N3954A 2N3955 2N3955A 2N3956
2N3957 2N3958 2N3966 2N3967 2N3970 2N3971 2N3972

2N4084 2N4091 2N4092 2N4093

2N4117 2N4117A 2N4118 2N4118A 2N4119 2N4119A
2N4123 2N4124 2N4125 2N4126

2N4220 2N4220A 2N4221 2N4221A 2N4222 2N4222A 2N4223

2N4338 2N4339 2N4340 2N4341 2N4381

2N4400 2N4401 2N4402 2N4403 2N4410

2N5086 2N5087 2N5088 2N5089

2N5172

2N5210

2N5366

2N5400 2N5401

2N5550 2N5551 2N5769 2N5771 2N5772

MPSA05 MPSA06 MPSA10 MPSA18

PN2369A

Here is a simulation that I did for the 30M version of Dave Benson's new rig, the SW-30+. Nothing has been done to make the model an exact fit, just to show how a Colpitts will start up and that indeed Dave's version does oscillate. :-) I substituted an arbitrary value for the variable cap just to get it running.

I hope to get some time this weekend to draw several configurations of Colpitts and illustrate how they work on the web page as ASCII schematics would be terrible. :-)

For an oscillator to work, you need three things.

1. An amplifier with gain say $A(f)$ at frequency f .
2. Some feedback of the output with factor $a(f)$.
3. Barkhauser's Law says that $A(f)*a(f)=1.00$ for the oscillator to work continuously. If $A*a<1$, then oscillations will die out. If $A*a>1$, then amplitude out will grow until distortion and other nasty things occur.

So if you build an oscillator of any kind and it doesn't work, part of the problem is a failure to meet the above criteria.

I hadn't seen anyone note that in the usual configuration, the feedback is usually taken from the collector, but Dave Benson used the emitter.

Also, Dave spent a great deal of time and effort to get an oscillator that does not drift. Good job. Others will build this oscillator from scratch, make some mods, and then find that it drifts. Temperature coefficients are very important here and can obviously cause some minor or major problems. So if anyone posts to this group asking for help on drift problems you will get some questions on component markings and types for this reason.

Thanks for the feedback (no pun intended) on the C1 value on my web page. It was the value in the beta version and I did not catch the change when I did the schematic. What it did was make the setting of the slug in the IF can about midrange instead of close to the top.

-----.cir file for 30M Colpitts LO SW-30+-----

* Colpitts Oscillator Circuit, SW-30+
*
* Modeled by Chuck Adams K5FO
*
* Runs on SPICE3F4 compiled on SGI 02 system
*
* PSPICE users may want to add .probe command

```
.model Q2N4401    NPN(Is=26.03f Xti=3 Eg=1.11 Vaf=90.7 Bf=4.292K Ne=1.244
+               Ise=26.03f Ikf=.2061 Xtb=1.5 Br=1.01 Nc=2 Isc=0 Ikr=0 Rc=.5
+               Cjc=11.01p Mjc=.3763 Vjc=.75 Fc=.5 Cje=24.07p Mje=.3641 Vje=.75
+               Tr=233.7n Tf=466.5p Itf=0 Vtf=0 Xtf=0 Rb=10)
*               National      pid=2N4401      case=T092
*               88-09-13 bam      creation
```

```
vsource 2 0 8
c8 1 5 120p
cd1 5 0 20p
R60 5 0 100MEG
c6 1 4 3300p
l1 4 0 3.36u
Q1 2 1 3 Q2N4401
r15 2 1 47k
r16 1 0 22k
r17 3 0 2.2k
c4 1 3 1300p
c5 3 0 3300p
.tran 1u 50u 0 100n
.end
```

-----end of colpitts30m.cir file-----

FYI
Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Fri, 01 May 1998 12:31:52 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: K5BDZ@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9832] Re: QRP-L suggestions
Message-ID: <354A0708.DDF92DFE@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

K5BDZ wrote:

>
> SUGGESTIONS TO ALL: If you want the attention of one certain person on QRP-L,
> LIST THE CALL OR NAME OF THAT PERSON IN THE "SUBJECT" BOX rather than some
> obscure subject that person may not recognize or be passively interested in
> reading.

How about using regular email. Personal traffic doesn't belong on the reflector. No need to copy several thousand others, with Hi Joe, how ya doing?

73 de Dave, N0IT

Date: Fri, 01 May 1998 12:36:26 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: w5hir@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9833] Re: threads
Message-ID: <354A081A.D8870DF8@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JUNIUS B FOX wrote:

> As I said in the beginning, There is much to be learned, and this
> group is a great place to get those questions answered, but beating
> a subject to death is a bit much, I think.
> regards,
> Foxy w5hir@gte.net
>
> Success is recognizing a dead horse at the earliest possible moment,
> and burying it with the least possible ceremony.

Isn't it funny that only those who have already got their dig in on a topic are the ones that think it's a dead horse?

73 de Dave, N0IT

Date: Fri, 1 May 1998 19:41:53 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <kd5ckp@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [9834] Re: [QRP-L] QRP-L suggestions
Message-ID: <004401bd7530\$d4dee7a0\$bd42b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How about doing away with the ENDLESSLY LONG signature files?
de Steve W8SFF

Date: Fri, 1 May 1998 13:44:19 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@Lehigh.EDU
Subject: [9835] Palm Pilot e-mail attachments
Message-ID: <199805011944.NAA12912@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My Palm Pilot creates an attachment to e-mails sent. I think this was
discussed here earlier but I did not have the unit then and forgot the "fix".

72, Bob KI0G

Date: Fri, 1 May 1998 14:51:35 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9836] dead horse
Message-ID: <199805011951.MAA05578@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

A horse aint dead, until its dead. Im ready to hear more comments about
a level field :):)
Ac5ez

Date: Fri, 01 May 1998 14:58:39 -0500
From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>
To: Steve Sorrell <ap036@detroit.freenet.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9837] Re: [QRP-L] QRP-L suggestions
Message-ID: <354A296F.7D04@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Sorrell wrote:

>
> How about doing away with the ENDLESSLY LONG signature files?
> de Steve W8SFF

What does this have to do with

SUBJECT:

?

Date: Fri, 1 May 1998 15:19:09 -0400 (EDT)
From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-l@Lehigh.EDU
Subject: [9838] Re: Old es Young Brasspounders
Message-ID: <v01520d11b16f993fcf2e@[207.172.109.54]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I once worked a 98 yr old op and we had a FB QSo at about 35 or
40wpm.....

73/72,
Craig, KF4NYZ

Date: Fri, 01 May 1998 13:22:17 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Chris Cartwright
<ccart@dns.vidtel.com>
Subject: [9840] RE: Old es Young Brasspounders
Message-ID: <5104C9F8B0B5D1118C250000F80625374C1E9B@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"

Chris,

It's too bad we don't work many young ones anymore. Or RARE at best.
Computers, Internet, etc has stolen the magic of Ham Radio for many young
people. Plus...I've noticed over the years how the personal behavior of
some on the ham bands has deteriorated. Too Bad!!

That QSL card you described is indeed a treasure. Maybe in a few years
you'll QSO with her again and get another card to put with it.

Nick KG5N

Date: Fri, 01 May 1998 13:18:13 -0700
From: Dan Baldwin <baldwin@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [9841] MFJ-1796 verticle antenna
Message-ID: <3.0.5.32.19980501131813.008d7b80@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone used the MFJ-1796 verticle antenna ? If so what did they think
of it ? If you would let me know I sure would appreciate any info. I could
get. Thanks - Dan Baldwin KK7JZ

Date: Fri, 1 May 1998 16:06:53 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>

I am interested in any other mods out for the HW-8 besides the HW-8 Handbook (a real good book I may add). Thanks. and 73

Richard W4MCD (a new Advanced - Tech for 22 years)

On Fri, 1 May 1998, Chris Cartwright wrote:

```
>
Top of my "special" stack of QSL's:
```

73,

0000-()-000

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Fri, 1 May 1998 19:34:57 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <torell@sicom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9844] Re: SOLAR 10 day forcast
Message-ID: <002401bd752f\$dc288e40\$bd42b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Synopsis:

Listen on the band, if you can hear em, work em. If you can't hear em,
don't work em.

de Steve, W8SFF

ps Some of my best contacts have been on a DEAD band.

Date: Fri, 1 May 1998 16:27:57 -0400
From: "Jim Barrett -KC2DCC" <jbarrett@stny.lrun.com>
To: <dql@slip.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [9845] Re: Help with mount air cap on the NW80 kit
Message-ID: <003601bd753f\$a21ad9a0\$4c81d2cc@default.stny.lrun.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Danh Le <dql@slip.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, May 01, 1998 14:32
Subject: Help with mount air cap on the NW80 kit

>

> Hi,
>
> I am building the NW80/40m which I ordered from Dan's Small Parts a while
> back when he had it on sale. I completed the VFO section, but have quite
> a bit of trouble figuring how to mount the air cap. The instruction said
> that I should drill 2 4-40 size holes, mount the body of the cap onto
> the board, make sure that the cap body is isolated from ground. Then
solder
> a wire from one of the terminals (stator???) to a solder pad on the PC
> board. There are 4 of them, 2 on each side of the cap. From the drawing,
> looking at the cap with the tuning knob toward me, I can see that it is
> one of the terminal on the right side. Which one is it?
>

I recently built the NW40 kit. I purchased mine directly from Emtech. Not sure if there's a difference between those and the ones that Dan's sells.

On mine, there were already two holes in the PC board for mounting the air-variable with two supplied screws. I didn't use any isolation - it appeared from the schematic that the capacitor body was to be at chassis ground via the mounting screws.

As for the other terminals - I think you'll find that they're all electrically equivalent. You can confirm this with an ohmmeter. I believe that they're all connected to the stator plates. I don't have the rig right in front of me at the moment, but as I recall I connected a jumper to the appropriate point on the PC board, from whichever terminal was physically closest - and it worked fine.

Jim Barrett - KC2DCC

jbarrett@stny.1run.com

Date: Fri, 1 May 1998 16:26:19 -0500
From: "Bill Meahan" <mwmeahan@rust.net>
To: ki6ds@dpol.k12.ca.us (Hendricks, Doug), qrp-1@Lehigh.EDU
Subject: [9846] Re: Next NorCal Project Announcement
Message-ID: <199805012030.QAA17805@Fe3.rust.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 30 Apr 98 at 0:31, Hendricks, Doug wrote:

> The next NorCal club project will be announced Friday evening, May
> 15th at Dayton after the QRP Banquet in the hospitality room of the
> QRP Suite.

[snip]

For those of us who will NOT be at Dayton (other commitments prevail), when will the info be on the NorCal web page and will we have a reasonable chance of getting in on the fun? Hopefully no sellouts before the rest of the world gets a shot :-)

72!

--

Bill Meahan WA8TZG mwmeahan@rust.net
ARRL, IMRA, QRP-L(#117), NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
All statements herein are worth exactly what you paid for them
cat: a purr bearing mammal

Date: Sat, 02 May 1998 00:19:58
From: Roger Braker <msebrakr@telepath.com>
To: nick.hulbert@lmco.com
Cc: qrp-l@Lehigh.EDU
Subject: [9847] RE: Old es Young Brasspounders
Message-ID: <3.0.1.16.19980502001958.492f258a@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would have put video games in there first:-)

73,
Arnold kd5ckh/ag

At 01:22 PM 5/1/98 -0600, you wrote:
<snip>
>Computers, Internet, etc has stolen the magic of Ham Radio for many young
>people.

Date: Fri, 01 May 1998 15:40:00 -0500

From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9848] SGC
Message-ID: <025501bd7541\$4f9300c0\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

check out the SGC web Page

=====

Jeff M. Gold
Manager, Academic Computing Support
Tennessee Technological University

Date: Fri, 01 May 1998 16:45:39 -0400
From: Tom Cooper <cooper@gmpvt.com>
To: qrp-l@Lehigh.EDU
Subject: [9849] Re: level field
Message-ID: <3.0.5.32.19980501164539.007a4560@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yo to all!

When I was in the Army a sergeant once told us not to worry, that they could kill us but they couldn't eat us, because that was against the Geneva Convention. I felt so relieved.

I'd probably feel just as relieved if I knew that N5TJ and others couldn't have big towers.

Tom W1EAT

Date: Fri, 1 May 1998 21:11:37 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [9850] Milli wattting
Message-ID: <19980501.211138.3766.2.wd3p@juno.com>

I'm curious what homebrew rig people are using for milliwatting. Just got my SST kit and caught a note which got me curious as I want to stretch the lower limits of the power curve. I haven't seen the specs on many of the kits.

The SST says "A power output setting of 0.5 watts or higher is recommended for best transmitted signal purity.

The Sierra manual says - in bold print no less - "Reducing power output to less than 0.5 Watts may result in poor spectral purity on some bands."

I haven't seen that kind of warning in the OHR 100A manual and tried it at 0.05 Watts in the FL QSO party with good success, but I haven't looked at it's signal quality at that level..

Has anyone tried any of these rigs, or look as how they perform, or have preference for one of the other kits for the real low power levels? How far can the Sierra be pushed on what bands?

Tnx and 73 de Larry.....WD3P

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 May 1998 16:17:52 -0500
From: Larry Cruise <Larry.Cruise@mci.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [9851] Level playing field winner is. . .
Message-ID: <01BD751C.B733C7C0.Larry.Cruise@mci.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have been following with interest the thread on leveling the playing field. Out here in West Texas all playing fields are level. :)

I believe Paulette Quick (WB9VHF) quickly cut to the quick (pun intended) in this discussion and thus is the winner. For without a winner I fear this thread may continue on endlessly. :) So I pronounce Paulette the winner.

If you remember nothing else of Paulette's message remember this:

"Believe that *being happy while doing qrp* is a high enough standard. Everything else is extra."

So Paulett you will be glad to know you are a winner and it shows in your message, but then you didn't need me to tell you that.

-72 Larry aa5ta (West Texas)

From: Paulette Quick, WB9VHF [plquick@facstaff.wisc.edu]
Sent: Thursday, April 30, 1998 12:47 PM
To: Low Power Amateur Radio Discussion
Subject: Level

I hope Joel is joking about not being a worthy qrp'er because he has a beam.

My take on this is that unfortunately, life does not have to be fair. Many people on this list are operating with limitations, be they physical, financial or situational. On that last one, please thank your XYL for the cooking, cleaning, life maintenance jobs she does that otherwise would take time away from your radio activities.

I like having contests, especially the QRP contests. I haven't entered one yet, but I bet it's a real kick when a humble setup, good conditions and personal skill result in a good score.

A lesson of maturity is to give credit to oneself for being able to do well with the cards one has been dealt. That's something I have to face and accept each day. It's so easy to feel shame at not being like other people who appear to be without one's personal limitations.

So I'll never be a hotshot qrp'er like that guy I saw at Dayton (can't remember his simple call right now) who usually hits at or near the top in world contests.

My thing is to be thankful to get out at all and extra thankful to be allowed to have a delta antenna that spans my small backyard (and a landlord couple who lives below but doesn't mind noisy lovebirds, budgies and cockatiel at 6 am).

What works against this is the perfectionistic temptation to believe that

to be ok, one must be THE winner. It takes away the humanity of our efforts by measuring our reality against a cold, imaginary standard.

Believe that *being happy while doing qrp* is a high enough standard. Everything else is extra.

Remember to thank those supportive ladies, guys!

Paulette Quick, WB9VHF
Madison WI
plquick@facstaff.wisc.edu

Date: Fri, 1 May 1998 17:28:22 EDT
From: MNHopkins <MNHopkins@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [9852] New 6M site techno treasure house
Message-ID: <d2005d21.354a3e77@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Files upon files of techno stuff at the new Six Meter Worldwide club website.

visit <http://www.6mt.com>

for everything that was on the old SMIRK site plus oceans of stuff on all the VHF bands including articles, reviews and some manuals, especially Swan.

My favorite is the legendary Larry Filby mod sheet for the Swan 250 that went out only to SMIRK folks about 20 years ago. If you hear a '250 or a "250 Charlie" that will stay in a passband, someone has seen that paper.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 1 May 1998 14:33:30 -0700
From: "Frank A. West" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9853] P.C.T. AC6UV
Message-ID: <199805012132.0AA20455@norway.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ladies es Gentlemen,

I would like to announce an event in the life of a fellow QRP'r AC6UV Gody (pronounced GO-DEE) Siason. Gody has embarked on the Pacific Crest Trail. Starting at the Mexican border hiking north to the Canadian border for approximately 2700 miles in five months.

Why is important to this list? Gody has built and taken QRP rigs for 20, 30 and 40 meters, and would like to hear from you. He will operate as often as possible nightly around the QRP calling frequencies for the three bands.

Every Saturday he will rest and operate most of the day. A schedule has been set for Saturday mornings at 15:30z on 7.040+- QRM, with his friends here in Southern California.

We plan to respond to QSL confirmations starting a month or two into the trip. Gody wants to include pictures from the trip on his card. QSL confirmations can be sent to me at the address below. All confirmed QS0's will be responded to in order received, as soon as the cards are printed (no exact time at this time, we need to get the pictures first).

There IS a web page in the making. My first one so bear with me and I will post the URL as soon as I finish it. The page will include itinerary, map, progress and I am not sure what else at this time. Maybe some of you might have an idea or two. Please e-mail me direct so as not to impose on the list.

You have plenty of time to catch him on the trail (5 months). So send a "CQ PCT" or his call for a nice chat.

QSL conformation to:

AC6UV Gody
c/o Frank A. West KE6VHM
18110 Iris Ave
Woodcrest, Ca 92508

TTFN 73 Frank KE6VHM / AA
sCQs#27 / QRP-L #1323 / AK/QRP #269
ICQ UIN# 1778080 ASK ME!!!
CW Forever - Have Paddle will Pound
ke6vhm@earthlink.net

Date: Fri, 01 May 1998 14:31:29 -0700
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: qrp1 <qrp-1@Lehigh.EDU>, kc5tja@topaz.axisinternet.com
Subject: [9854] Re: 1N914 Capacitances
Message-ID: <354A3F31.33C1F794@email.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>What is the typical capacitance range found on 1N914 diodes?
>1N34? I'm looking to make a another VFO, one more suited
>towards ham radio use (my other one is excellent for
>digital electronics, but it has too wide a tuning range) on
>the 40m band. Thanks.

If you already have a varactor, but it has too much range,
an alternative solution that I have used is to tap the
varactor off a winding further down the inductor.

First calculate the C you will need to tune to each end of
the band you want to tune given the L you currently have.
Suppose you have a 4 uH coil and you want to tune from 7.0
to 7.15 MHz, at 7.0 MHz you need:

$C = 1 / (4 \pi^2 f^2 L)$, at 7.0 Mhz $C = 129.2$ pf,
at 7.15 Mhz $C = 123.8$ pf

>From these two C calculations, you have the delta C, or
tuning range C that you need. In this case, 5.3 pf.

If I use a MV209 that I happen to have on hand, it has about
28 pf at 3v and 16 pf at 8v for a tuning range of about 12 pf.
So what I would like to do is make my 12 pf range diode act
like 5.3 pf.

One way to do this is to place another cap in series with it,
but my experience is that this tends to skew the tuning range.
You tend to get all the tuning action (more than normal at least)
on the small C side of the tuning.

I have found tapping down the inductor works better. This uses
the inductor like an autotransformer to transform a smaller
reactance (larger C) tapped down the coil to a larger reactance

(smaller C) at the top of the coil. A transformer works as the ratio of the turns squared.

In this case we want a transformer ratio of $12/5.3$ or 2.26.
Take the square root of this and the turns ratio needed is 1.5:1
If the 4 uh coil is 30 turns, tapping at 20T will give the desired 1.5:1 step up.

As a side note, you will most likely find that a 1N914 will have to small of a delta C range unless you are just looking for +/-5 KHz.

Good Luck!

- Dan Tayloe, N7VE, Phoenix, Az, Az ScQRPions, QRPL # 696

Date: Fri, 1 May 1998 16:57:10 -0400
From: w2bj@juno.com (Barry J Minsky)
To: ac5ez@webtv.net
Cc: qrp-1@Lehigh.EDU
Subject: [9855] Re: dead horse
Message-ID: <19980501.174827.9902.0.w2bj@juno.com>

AMEN! I am so tired of hearing about what QRP is. 5 watts cw or 10 watts PEP SSB. That's it. anything else is optional.
72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, FISTS #2701, Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers Club #3723
Amateur Radio Missionary Service

On Fri, 1 May 1998 14:51:35 -0500 ac5ez@webtv.net (Larry B) writes:
>A horse aint dead, until its dead. Im ready to hear more comments
>about
>a level field :):)
>Ac5ez
>
>
>
>
>
>
>

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Date: Fri, 01 May 1998 15:08:40 -0700
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: qrp1 <qrp-1@Lehigh.EDU>, gsurrency#064#juno.com%INTERNET@email.mot.co
Subject: [9856] Re: SGC speaks to QRP-L
Message-ID: <354A47E8.BD7D30D@email.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>..... using only 3 crystals for the IF filter, he managed to get
>pretty decent CW selectivity and opposite sideband suppression.
>Now how much do 3 crystals cost? \$0.99? \$0.85 in quantity?
>Probably even less.....

>Did SGC look at their competition? Did they care about
>implementing even fair CW operation? Certainly the cost or
>complexity of manufacturing a decent IF filter or QSK circuit
>has been shown to *not* be a problem.....

I think one reason that so many of our little QRP rigs do so well
is the use of low frequency IFs. It seems like crystals in the
4 MHz range have **much** better selectivity than those in the
50 MHz range such as used in the QRP+. The 11 MHz 4 pole crystal filter
that Ten Tec uses in their 40m rig sounds awful wide to me.

Since I have been giving some thought to a multiband "high band"
rig (15, 12, 10m), I can see where a high frequency roofing filter
would be strongly desired. Since these "roofing" filters cannot
be made very tight at these frequencies with just a few crystals,
it seems like a "real" filter at a much lower IF is then in order.

It appears that the second IF and filter may be an unwelcome
complication for a rig whose primary use may be wider modes of
communications.

- Dan Tayloe, N7VE, Phoenix

Date: Fri, 1 May 1998 18:21:11 -0400 (EDT)
From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-l@Lehigh.EDU
Subject: [9857] Re: Old es Young Brasspounders
Message-ID: <v01520d13b16fc25275b7@[207.172.109.54]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well guys, I must agree that there arn't many young ops on the air (especially not on CW) but.....I'm 14 & been a ham for a little over 1 year. Yes, I use the computers, internet, video games etc,etc, but none of them compare to working someone on the air - especially with a rig that you built yourself! I really enjoy CW and work QRP CW almost exclusivly, although I do fire up the TS-820S every now and then to keep up the code speed - I can only do about 20 wpm on a straight key, but can go at 35-40 on my iambic. I usualy hang out around 7.040, so mabe I'll run into one of you guys there!

73/72,
Craig, KF4NYZ (aka, Young'un HI HI=^)

Date: Fri, 01 May 1998 17:27:05 -0600
From: Mike - W0TMW <crucis@sky.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9858] QRP activity on Baltimore?
Message-ID: <354A4C39.8292EB6B@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm going to be in Baltimore, MD on May 19-21, '98. Any QRP activities going on? Any good (or even so-so) Ham stores in the area?

Mike - W0TMW

--

=====
Mike Watson, W0TMW QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st ARCI# 9647
<http://www.sky.net/~crucis>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Fri, 1 May 1998 16:37:02 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [9859] Elmer101
Message-ID: <01BD751F.5F6F2F40@pps-pc10.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I was wondering if a time table for the enclosures has been posted yet?
I'm a little behind on my digest reading and getting very excited about
this rig.

Thanks

de KB0ROL, Brad

Date: Fri, 01 May 1998 17:29:44 -0500
From: Lynn Simons <lsimons1@ix.netcom.com>
To: rbritt@visi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9860] Re: HW-8
Message-ID: <354A4CD8.483748D8@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Richard,

If you are going to get on a WARC band, I think the best one would be 30
M. It seems to be open somewhere all the time. Furthermore it is a great
DX band and I love to DX. Also it is CW only, is there any other way?
And last it is a great QRP band since you won't be competing with KW
signals, at least not in the USA.

Just my \$0.02 worth.

Good luck and good DX.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Fri, 01 May 1998 17:13:39 -0700
From: Charles Kadesch <chas@digizen.net>
To: qrp-1@Lehigh.EDU
Subject: [9861] Re: Brasspounders etc
Message-ID: <354A6533.4A3A@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A week ago I had a nice QSO with a fellow in KY on 40 meters.
Yesterday I got his QSL card with a note on the back: "... My
Mom, who takes care of me wrote this ... I've been a quadraplegic
since 1990. I'm 39 yrs old and been a ham 2 years. Only been doing
CW for about 5 months. I love it ... 73's ..." I don't know how
John was sending his code or keeping his log - but I had no clue
of his situation.
This one goes in my pile of special QSLs.
-72 de Chas W3KC-

Date: Fri, 1 May 1998 15:51:37 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: kreinbd@ccgate.dl.nec.com
Cc: qrp-1@Lehigh.EDU
Subject: [9862] Re: ACCURACY:LOG MGRS & CONTESTS
Message-ID: <199805012251.PAA11922@usr08.primenet.com>

Howdy Dave and Folks,

(I'm *really* behind on my email - apologies!)

Dave (NR3E) wrote:

>

> A question for those brave folks who do log checks for
> contests, QSL management, etc.

Please please PLEASE tell me this isn't another question about borders. *8-)

> Two logs come in, all QSO info matches up equally (frequency,
> date of Q, calls OK) except one logged the q at 1839z and one
> at 1840z. Is this not a valid QSO in any one's mind?

Not only is it valid, it's darn near a miracle.
Very few of us have WWV clocks, and even then
you'd likely have folks 5 seconds or so on either
side of the minute mark when they looked up to
note the time. Heck, the four clocks in my house
vary by up to 8 minutes! And then there's the
VCR, which just blinks "12:00" all the time....
(lowers head in shame...)

> I had a card returned for this very reason.

If you're **absolutely** sure that is the reason the
card was rejected, the yes, you've been ripped
off. Never heard of anything like it! If it was
just to confirm a QSO, I'd say their card wasn't
worth having. If it was an actual contest log,
I'd **strongly** suggest contacting the sponsoring
club's president. Someone's abusing power.

But hey, we're QRPers, we **never** abuse our power
because we need every milliwatt we can get. :-)

Anyway, that's two bits from this contest manager.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"

"If we took the bones out they wouldn't be crunchy, would they?"

End of QRP-L Digest 1078
